MULTISLOT COIN COLLECTORS

CONNECTIONS

SPECIFICATION CANCELLED

This index lists the information that forms a part of, or supplements this specification, and indicates the authorized issues thereof.

PAGE 1 , ISSUE		13	14	15	16	17	18						
DATE	PREV AUTH	4-62	2-64	7-64	7-65	4-66	7-81						
NUMBER	ISSUES AUTHORIZED ON ABOVE DATE												TITLE
Page 2	~~6~~												
" 3	6		7		8	9							
" 4	8	9	10	11									
ATT DWGS													
A-580311				3		5							1235G
A-580312				2		3							235G
A-580339				1		4							1234G
A-580622					1	2							236G
B-214761	8												191, 195, 196, 197 -C, D, G, H, CS, DS, GS, HS, CT, DT, GT, HT
B-751474	8												193, 198, GH
B-917139	9					10							191, 195, 196, 197 - CN, DN, GN, HN, CNS, DNS, GNS, HNS, 220, 223- C, D, G, H,
B-917141	4												193, 198 - GN, HN; 210, 212 - G, H
B-917145	3												182CN, DN; 200C, D,
B-942823	3		4			5							191, 195, 196, 197 - CT, DT, GT, HT
B-942833	2					3							191, 195, 196, 197 - GNT, DNT, GNT, HNT; 220 223 - CT, DT, GT, HT; 230, 233C, D, G, H; 234G
ESL-780238	9												182C, D

c—Information in accordance with that currently authorized.

1. GENERAL

1.01 This specification covers the connections for recovered multislot coin collectors.

1.02 On 182-type coin collectors equipped with chute-mounted signal assembly, a strap lead (P-476703, red-white, 5-1/2 inches long) may be required to enable the gong transmitter lead to reach the BKX or R terminal in the upper housing. The A or E terminal on the steel coin chute shall be used as a binding post for connecting the transmitter and the strap leads together.

1.03 Wires for connections to screw terminals shall be equipped with cord tips.

1.04 Coin collectors not equipped with self-contained networks and ringers shall be connected in accordance with the attached drawings listed in Table A. 236 type and converted coin collectors so equipped, as identified with a red star adjacent to the code number, shall be connected in accordance with A-580622.

1.05 Conductors and cords shall be dressed as closely as practicable to walls of housing or backplate. However, they should not come in contact with gongs or interfere with relay, relay cover, or coin chute; they should not obstruct passage of coins or operation of parts; and they should not be pinched when coin collector is assembled.

1.06 The normally open contact on the two-coil relay or the G terminal of single-coil relay shall be connected to the mechanism base with a P-10E731 lead terminated under a P-42B201 screw and a P-284186 washer.

TABLE A

CONNECTIONS

Code No.	Drawing No.
182C, D	ESL-780238
182CN, DN	B-917145
191C, D, G, H, CS, DS, GS, HS, CT, DT, GT, HT	*BL-214761
191CN, DN, GN, HN, CNS, DNS, GNS, HNS	B-917139
191CNT, DNT, GNT, HNT	B-942833
193G, H	BL-751474
193GN, HN	B-917141
195C, D, G, H, CS, DS, GS, HS, CT, DT, GT, HT	*BL-214761
195CN, DN, GN, HN, CNS, DNS, GNS, HNS	B-917139
195CNT, DNT, GNT, HNT	B-942833
196C, D, G, H, CS, DS, GS, HS, CT, DT, GT, HT	*BL-214761
196CN, DN, GN, HN, CNS, DNS, GNS, HNS	B-917139
196CNT, DNT, GNT, HNT	B-942833
197C, D, G, H, CS, DS, GS, HS, CT, DT, GT, HT	*BL-214761
197CN, DN, GN, HN, CNS, DNS, GNS, HNS	B-917139
197CNT, DNT, GNT, HNT	B-942833
198G, H	BL-751474
198GN, HN	B-917141
200C, D	B-917145
210G, H	B-917141
212G, H	B-917141
220C, D, G, H	B-917139
220CT, DT, GT, HT	B-942833
223C, D, G, H	B-917139
223CT, DT, GT, HT	B-942833
230, 233C, D, G, H	B-942833
234G	B-942833
235G	A-580312
1234G	A-580339
1235G	A-580311

* T-coded coin collectors also require drawing B-942823.

GROUNDING HOUSING ASSEMBLY

Ground assembly as follows:

Prepay Open Type Installation

(a) Connect JKT lead or GS insulated wire as shown in Table B. Dress wire so it will not interfere with moving parts of coin mechanism or coin relay shield.

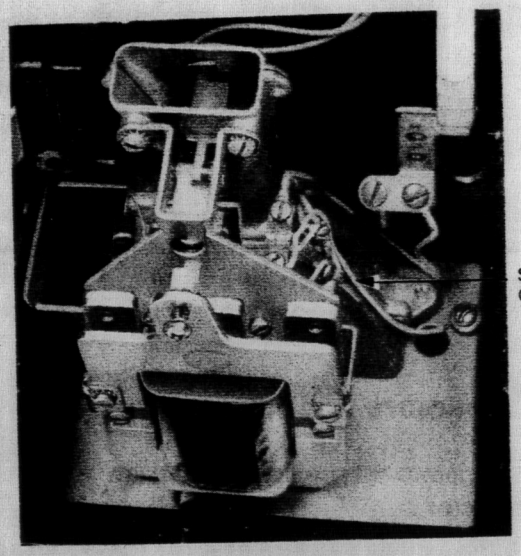


Fig. 5 — Method of Grounding 234G or 1234G Coin Collector Housing Assembly, Open Type Installation

PREPAY OPEN TYPE INSTALLATION
GROUND CONNECTION FOR HOUSING ASSEMBLY

Collector	From	To Mechanism Base Screw Located on
234G, 1234G	Coin Relay ground terminal	Right side (Fig. 5)
Other than 234G or 1234G		Left side (Fig. 6)*

* Remove lockwasher under screw.

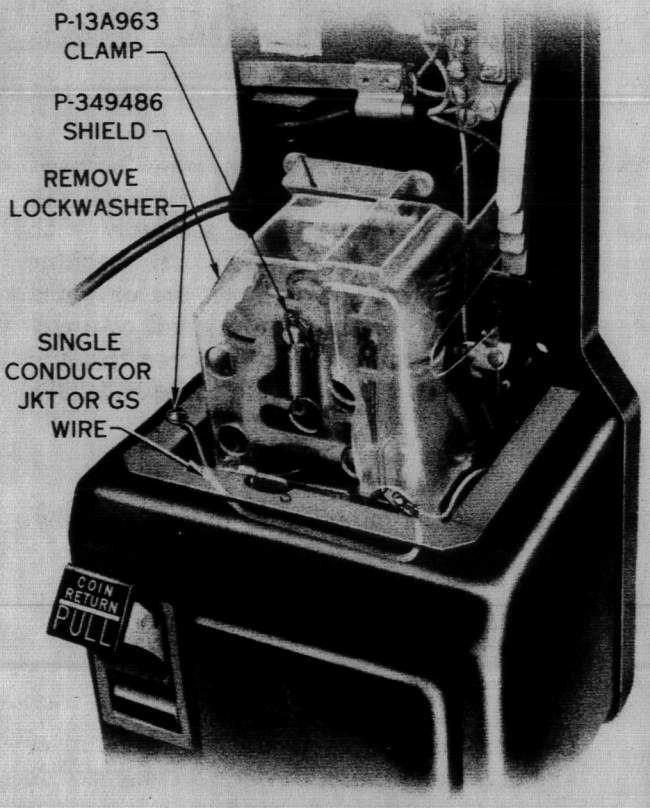


Fig. 6 — Method of Grounding Housing Assembly, Open Type Installation

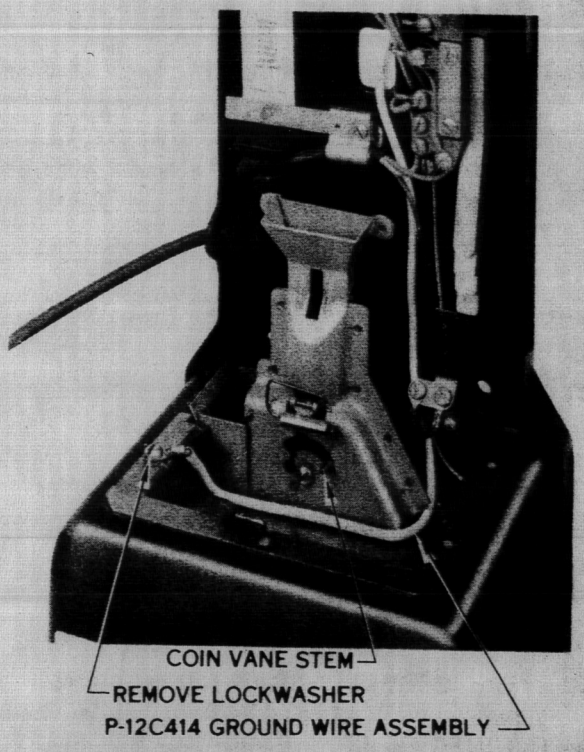


Fig. 7 — Method of Grounding Housing Assembly, Indoor Booth

DOOR MOUNTED COMPONENTS

HOUSING MOUNTED COMPONENTS

GONG SIGNAL & CHUTE ASSEMBLY

DIAL S3

4010D NETWORK Z1

COIN RELAY MECHANISM

TB2

TB4

TB1

TB3

SWITCH HOOK S2

C4A RINGER DS1

HS1

ALL SCREWS ON TB2 MUST BE TIGHT

CLIP OFF UNDER INSULATION

FROM P1

INSIDE WIRE FROM PROTECTOR

GRD

TIP

RING

PT

NOTES:

1. ITEM NUMBERS AND REFERENCE DESIGNATIONS ARE REFERRED TO ON MAIN ASSEMBLY AND ASSOCIATED SUB-ASSEMBLIES.
2. ALL PIGTAIL-MOUNTED COMPONENTS SHOWN ON THIS DRAWING ARE WIRED BY MEANS OF WIRES FURNISHED WITH THE COMPONENT.

A-580311

FOR CHANGES REFER TO BFTR CARD INDEX

TOUCH TONE CONNECTING DIAGRAM

WESTERN ELECTRIC CO. INC. DIVISION OF MANUFACTURE

STANDARDS 180W-1, A-580311

CODE 65

A-580311

DOOR MOUNTED COMPONENTS

ROTARY DIAL & HOUSING ASSEM P-84D100-199

HOUSING MOUNTED COMPONENTS

SWITCH HOOK S2

MAKES LAST

DIAL S3

G3P-52 HANDSET H51

WIRE HOLE

TB4

TB2

WIRE HOLE

P-15E381 CORD ASSEMBLY P1

ALL SCREWS ON TB2 MUST BE TIGHT

CLIP OFF UNDER INSULATION

P-20A125 GONG SIGNAL & CHUTE ASSEMBLY

452B CAP. C1

R2

C4A RINGER D51

TB3

PT

4010B NETWORK Z1

NOTES:

1. ITEM NUMBERS AND REFERENCE DESIGNATIONS ARE REFERRED TO CHASSIS ASSEMBLY AND ASSOCIATED SUB-ASSEMBLIES.
2. ALL PIGTAIL-MOUNTED COMPONENTS SHOWN ON THIS DRAWING ARE WIRED BY MEANS OF WIRES FURNISHED WITH THE COMPONENT.

GND

TB1

INSIDE WIRE FROM PROTECTOR

WIRE HOLE

P-11E964 COIN RELAY MECHANISM

WIRE HOLE

P-27E802 CHASSIS - WIRING HARNESS ASSY

RM-729929 SOCKET J1

FOR CHARGES REFER TO DFTG CARD INDEX

ROTARY WIRING DIAGRAM

SCALE NONE

WESTERN ELECTRIC CO. INC. ENGINEER OF MANUFACTURE

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. NONLIMITED DIMENSIONS OTHER THAN SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS WHEN EXPRESSED:
TO 2 DECIMAL PLACES ±
TO 3 DECIMAL PLACES ±
AS ANGLES ±
FOR GENERAL INFORMATION ON SYMBOLS AND NOTES REFER TO MANUFACTURING STANDARD 16.003, PART 2, SECTION 227.

6S

A-580312

A-580312

3-9-64 ISSUE 3
REDRAWN DUE TO EXTENSIVE CHANGES

4 ADDED ITEM NUMBERS & NOTES 162 A-580312

3-6-64 ISSUE-1
CHANGED: AT S2, G & BR LEADS WERE BR & GR; AT P1, W-BL LEAD WAS CLIPPED OFF UNDER INS.

4-16-64 2
CHANGE: TERMINAL BOARD TB4 WAS SHOWN THUS:

11-16-65 CO 444121-BIF 3

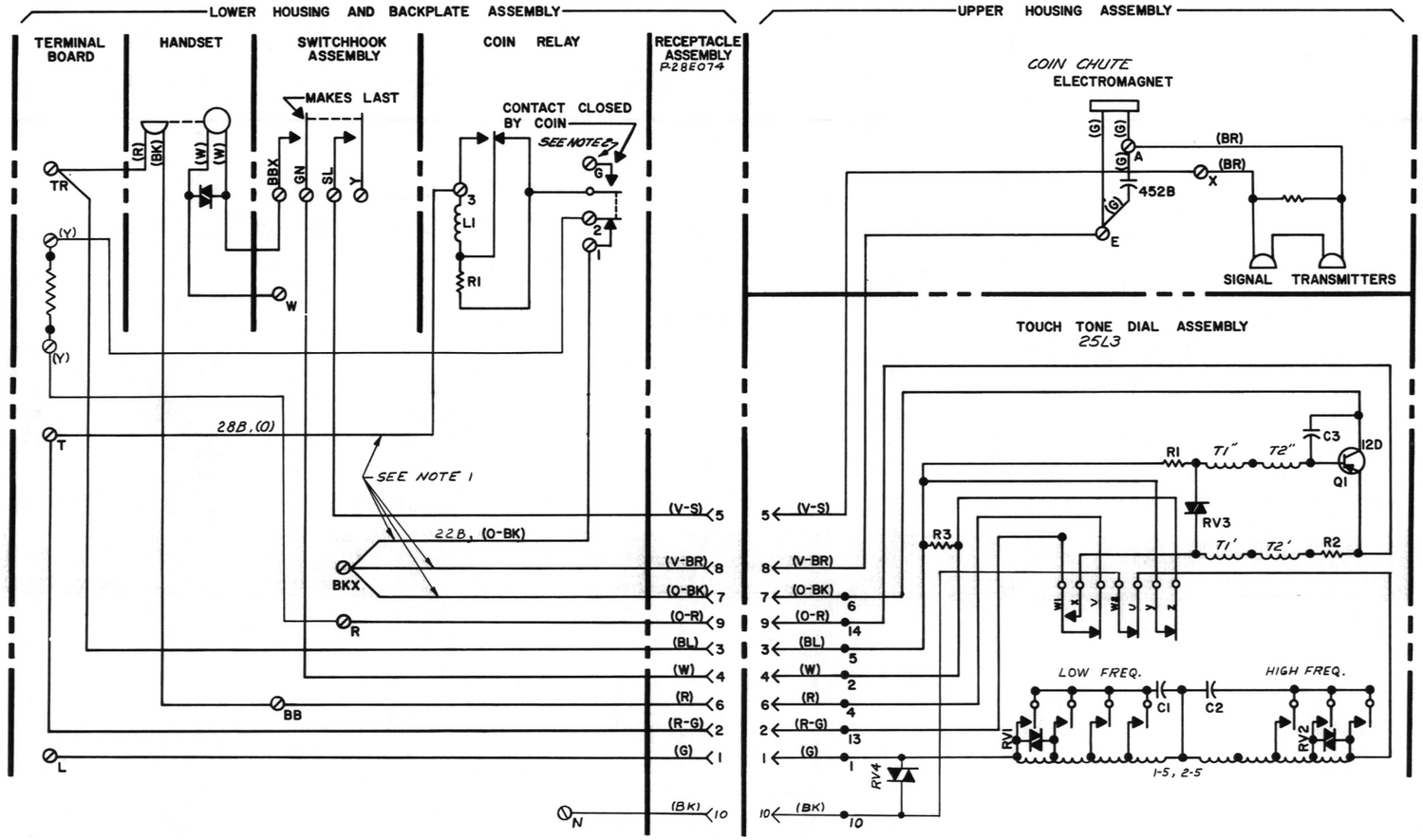
ISSUE 3 A-580312

USED ON DWG A-580310

NOTES:

1. THESE LEADS SHALL BE DRESSED THROUGH LEAD RETAINER OPENING ON THE COIN HOPPER.

2. CONNECT LEAD ASSEMBLY, ITEM 29B, ON A-580340, FROM G TERMINAL ON COIN RELAY TO GROUND SCREW, ITEM 17 ON A-580340.



A-580339	
ENGR E. NOLI	
DRAWN R.D. PORTER	ISSUE 1L
ASD DWR PWR	MLT
5-4-64 ISSUE-1	
CHANGED 28B(O) LEAD FROM TERM. 3 OF COIN RELAY TO TERM. T OF TERM. BOARD WAS DESIGNATED (O) & PASSED THRU THE RECEPTACLE ASSEM.	
DCB 364153-B1	
8-11-65	2
ADDED: RES AT TERM. BOARD & ASSOC LEADS CHANGED: TO AGREE WITH LATEST DESIGN OF 25L3 DIAL	
PRL 443951-B1	
10-14-65	3
ADDED: NOTE 2 & REF.	
PRL 444175-B1	
1-21-66	4

1234G COIN COLL	A-580340
USED ON	DWG

1234G COIN COLLECTOR CONNECTING DIAGRAM

SCALE NONE

WESTERN ELECTRIC CO. INC. ENGINEER OF MANUFACTURE

MATERIAL | FINISH

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. NONLIMITED DIMENSIONS OTHER THAN SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS WHEN EXPRESSED:
TO 2 DECIMAL PLACES ±
AS ANGLES ±
TO 3 DECIMAL PLACES ±
FOR GENERAL INFORMATION ON SYMBOLS AND NOTES REFER TO MANUFACTURING STANDARD 16.003, PART 2, SECTION 227.

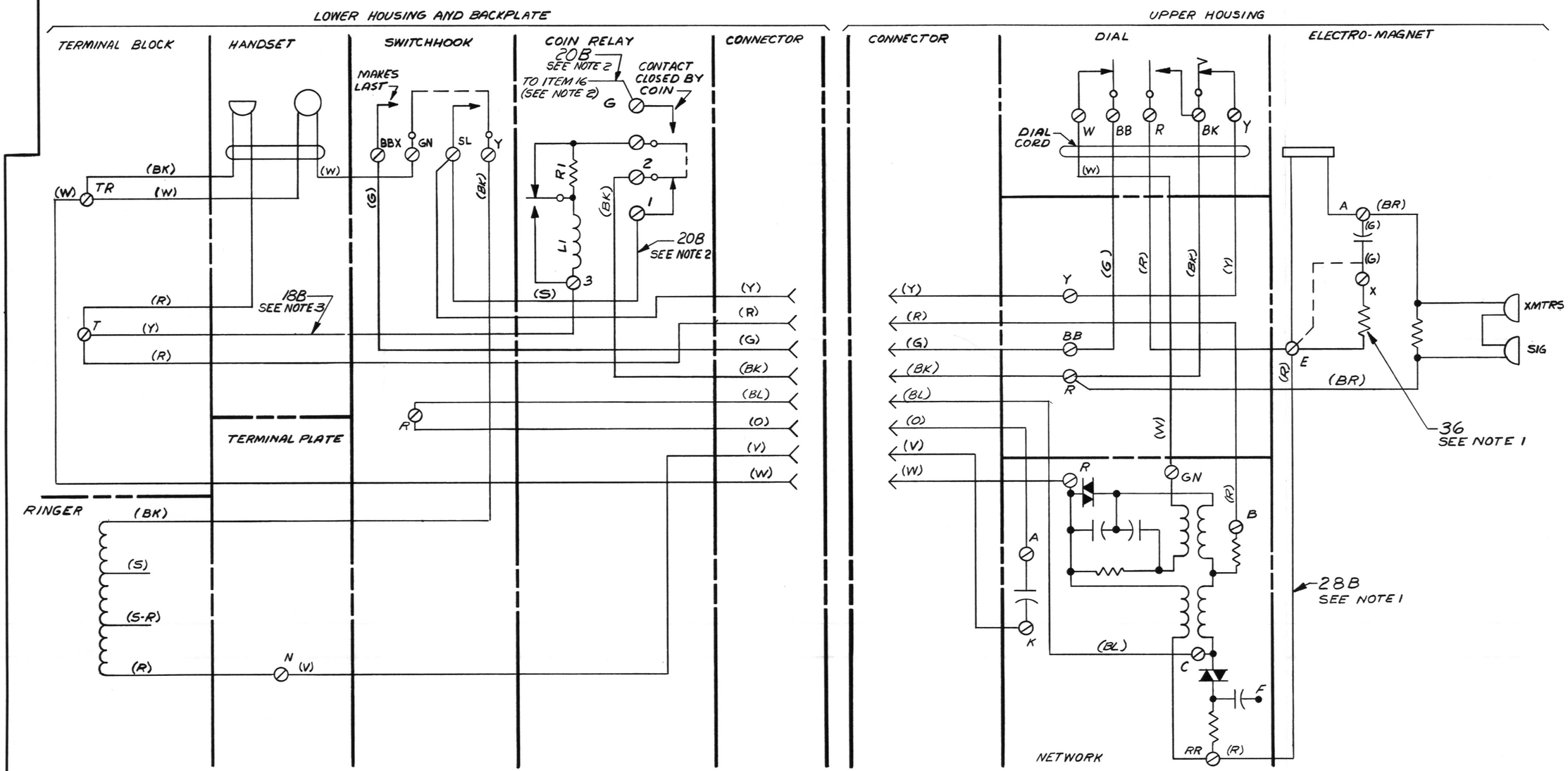
DWG SIZE 6S

CDS A-580339

ISSUE A-580339

NOTES:

1. ITEM NUMBERS 36 AND 28B ARE SHOWN ON P-89E000.
2. ITEM NUMBERS 16 AND 20B ARE SHOWN ON A-580598.
3. ITEM NUMBER 18B IS SHOWN ON P-89E100.



A-580622	
ENGR F. HOLI	
DRAWN V.D. MAINS	3-5-65 ISSUE 1L
DRAWN PRC / TB	
ENGR WECO / BTL	
5-13-65 ISSUE-1	
CHANGED: BK & BL LEAD DESIGNATIONS UNDER CONNECTOR (2) PLACES WERE V-S & V-BR RESP	
PRC 444042-B1-L	
CHANGED: NOTE 2 WAS, "ITEM NUMBER 20B IS SHOWN ON A-580598." ADDED: LEAD, ITEM 20B COIN TO TERM. G OF COIN RELAY &ASSOC. INFO	
PRC 364183-B1	
10-28-65	2

236G COIN COLLECTOR	A-580598
USED ON	DWG

236G COIN COLLECTOR CONNECTING DIAGRAM

SCALE NONE

WESTERN ELECTRIC CO, INC
ENGINEER OF MANUFACTURE

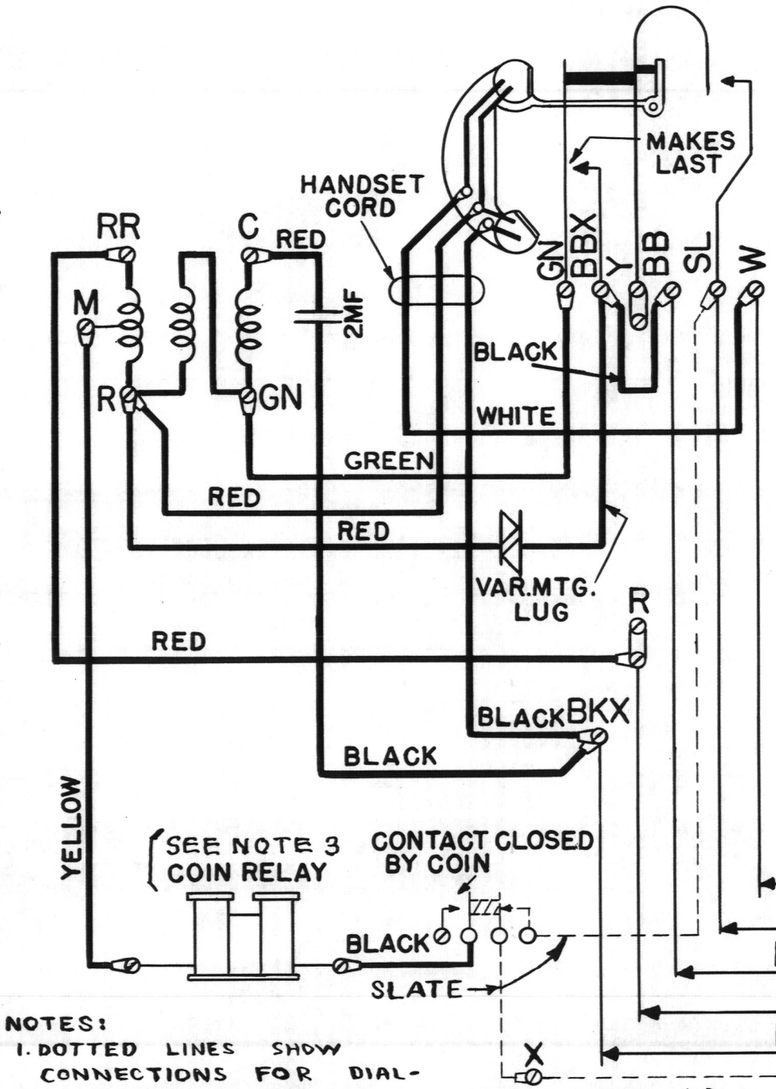
ISSUED A-580622

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. NONLIMITED DIMENSIONS OTHER THAN SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS WHEN EXPRESSED:
TO 2 DECIMAL PLACES ±
TO 3 DECIMAL PLACES ±
AS ANGLES ±
FOR GENERAL INFORMATION ON SYMBOLS AND NOTES REFER TO MANUFACTURING STANDARD 19,003, PART 2, SECTION 227.

DWG SIZE 4S

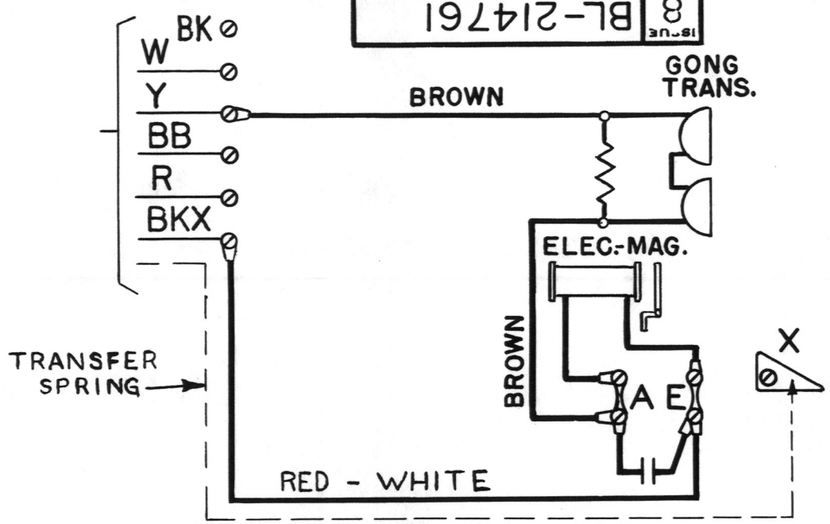
CDS A-580622

BL-214761 8 ISSUE



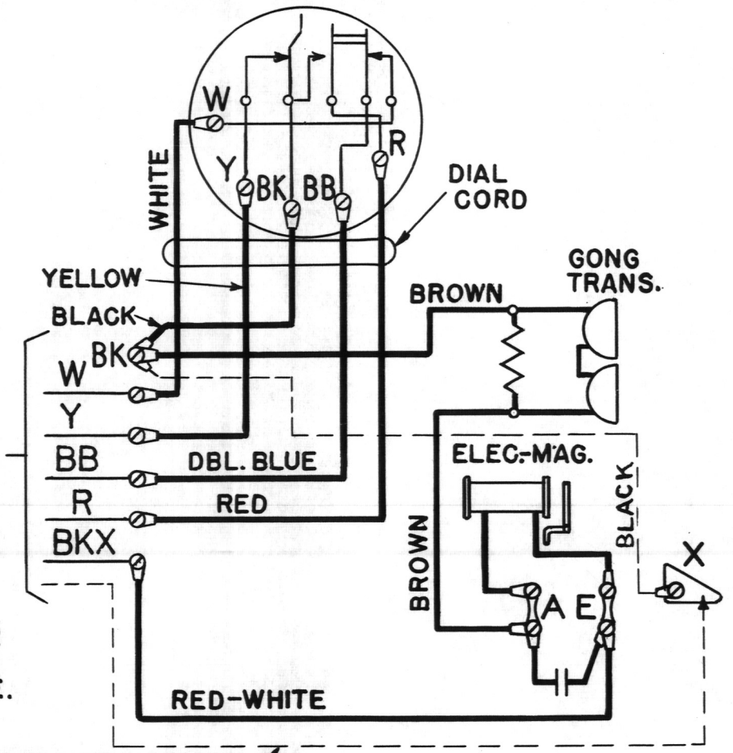
NOTES:

1. DOTTED LINES SHOW CONNECTIONS FOR DIAL-SHORTING CONTACTS OF 4-SPRING RELAY. BROWN GONG SIGNAL LEAD OR BLACK FILTER LEAD MAY BE CONNECTED TO X TERMINAL ON COIN CHUTE INSTEAD OF BK TERMINAL.
2. COIN COLLECTORS EQUIPPED WITH P-10C11T COIN RELAY (4 SPRING DIAL-SHORTING TYPE) ARE CODED WITH SUFFIX LETTER "S"
3. FOR CONNECTIONS TO SLOW RELEASE RELAY SEE B-972823. COLLECTORS SO EQUIPPED ARE CODED WITH SUFFIX "T".

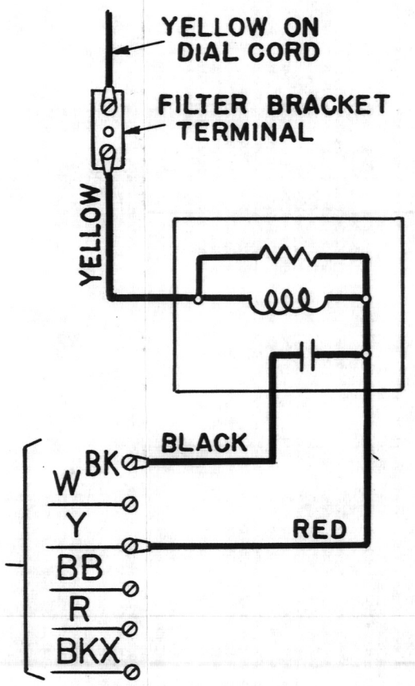


FOR MANUAL SERVICE

STRAP OR BLACK WIRE SHOWN BETWEEN BBX AND BB TERMINALS ON BACKPLATE SHALL BE CONNECTED BETWEEN BBX AND W TERMINALS.



FOR DIAL SERVICE



FILTER CONNECTIONS

P-

ENGR J.F.JESSICH		
DRAWN E.WOODROFF		
ISSUE 2 5-18-51		

REDRAWN FROM ISSUE 2 TO SEPARATE WIRING FOR MANUAL AND DIAL SERVICE FIG. TITLE WAS SHOWN.

S.E./R.H.P		HOW	FA
ISSUE 3 5-26-54			AGK

CHANGED: COND WAS CONNECTED TO UPPER A & E TERMS.

S.E./MB		H.O.W.	A.B.K.
			A.B.K. BM

ISSUE 4 10-14-55

ADDED TO TITLE D,F, AND H TYPES, AND F-50673

AJB

ISSUE 5 4-1-57

ADDED: DIAL-SHORTING CODES, CONNECTIONS & NOTES.
OMITTED: "F" SPEC. WASHER REJECT.

		AJB	JFJ

ISSUE 6 9-1-57

REMOVED E,F,FS,FS FROM TITLE

	CJC	AJB

ISSUE 7 11-15-58

ADDED NOTE 3 & CT,DT,GT,HT TO TITLE

CHANGED NOTE 2

PM	CJC	AJB

ISSUE 8 5-1-59

USED ON	DWG
191,-195,-196,-197, C,D,G,H,CT,DT,GT,HT CS,DS,GS,HS COIN COLLECTOR CONNECTIONS	

SCALE

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BL-214761
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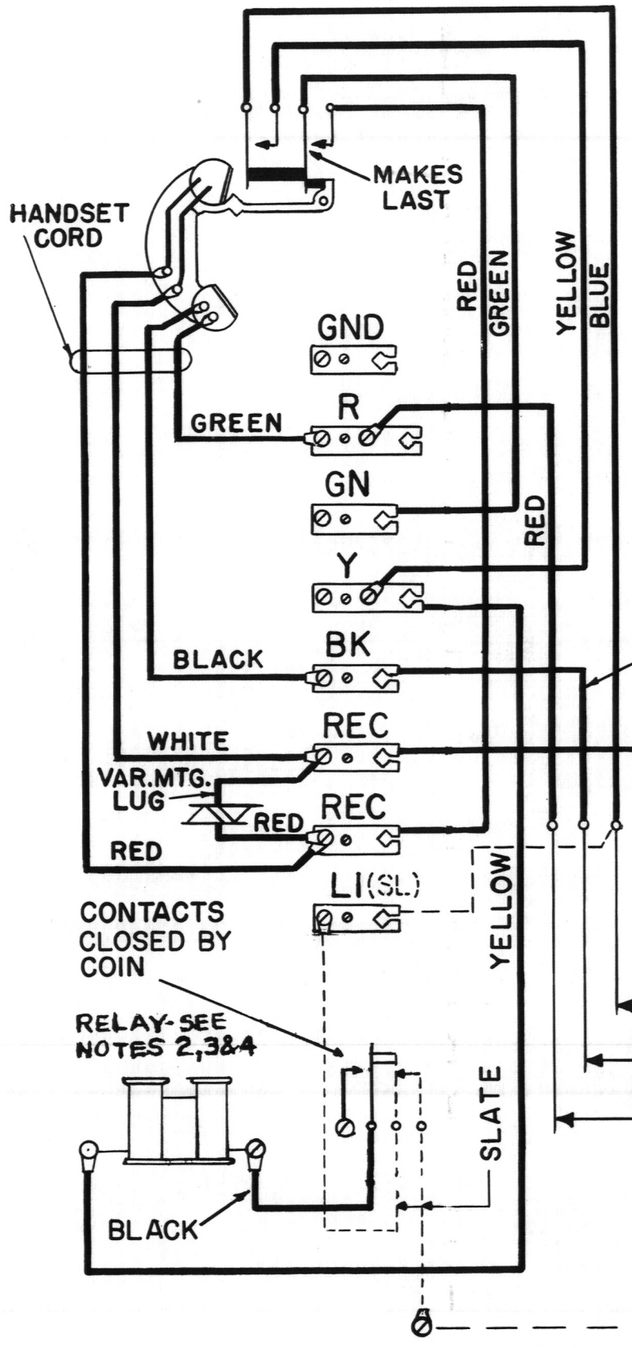
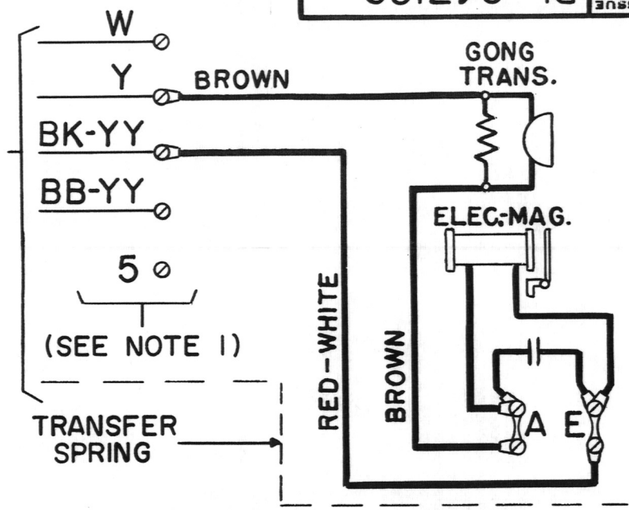
E-7344-B-4 (4-53)

BL-247129 ISSUE 9



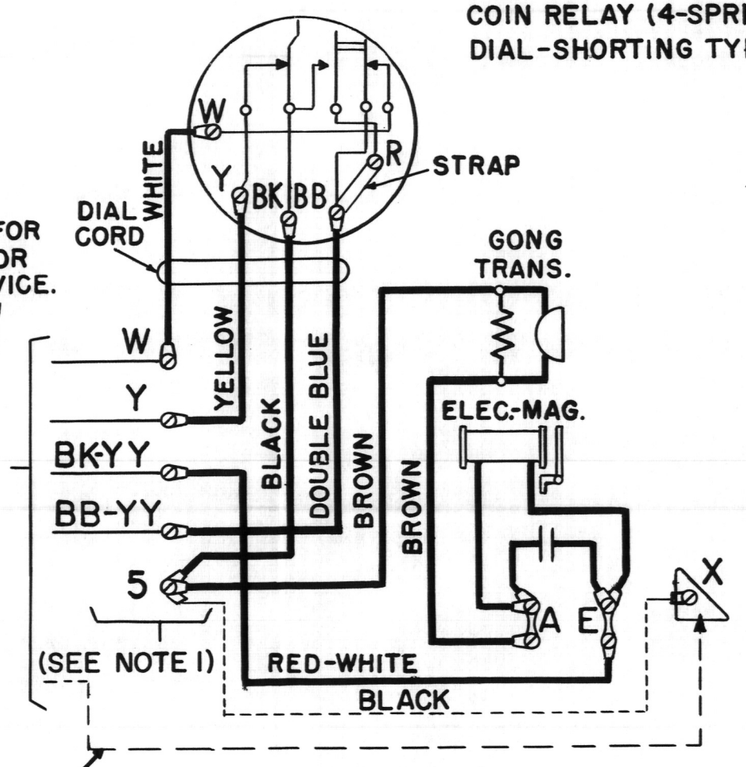
FOR DIAL SERVICE

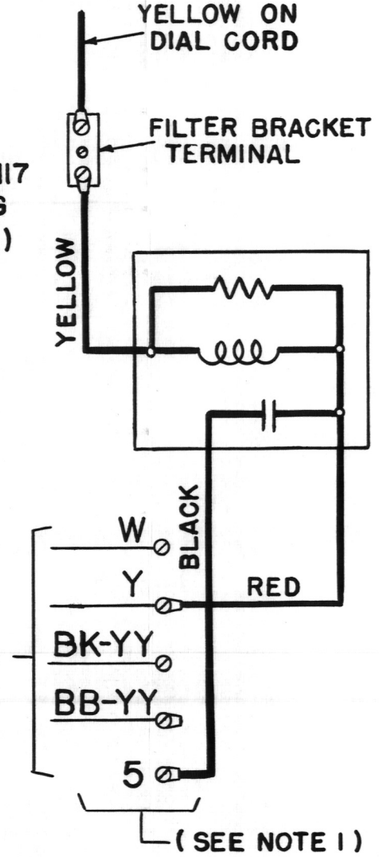


FOR MANUAL SERVICE

STRAP OR BLACK WIRE SHALL BE ADDED BETWEEN R AND TOP REC TERMINALS ON BACKPLATE.

EQUIPPED WITH P-10C117 COIN RELAY (4-SPRING DIAL-SHORTING TYPE)





FILTER CONNECTIONS

NOTES

1. IN SOME OF THE UPPER HOUSINGS, THESE TERMINALS ARE DESIGNATED W, Y, YY, BB, AND BK-YY, RESPECTIVELY (TERMINAL 5 SHOULD BE FURNISHED)
2. DOTTED LINES SHOW CONNECTIONS FOR DIAL-SHORTING CONTACTS OF RELAY, BROWN GONG SIGNAL LEAD OR BLACK FILTER LEAD MAY BE CONNECTED TO X TERMINAL ON COIN CHUTE INSTEAD OF 5 TERMINAL
3. COIN COLLECTORS EQUIPPED WITH P-10C117 COIN RELAY (4-SPRING DIAL SHORTING TYPE) ARE CODED WITH SUFFIX "S"
4. FOR CONNECTIONS TO SLOW RELEASE RELAY SEE B-942823. COLLECTORS SO EQUIPPED ARE CODED WITH SUFFIX "T".

P-

ENGR J.F.JESSICH		
DRAWN E.HAYFORD		
ISSUE 4. 2-15-52		

REDRAWN FROM ISSUE 4 TO SEPARATE WIRING FOR MANUAL AND DIAL SERVICE FIG. TITLE WAS SHOWN.

S.E./RNP		HOW	FA
ISSUE:5	5-26-54		AGK

ADDED: DIAL-SHORTING CODES, CONNECTIONS & NOTES: 1, 2, 3.

	AJA	JFJ
ISSUE: 6 10-14-57		C.O.L.

REMOVED "E,ES" TYPE FROM TITLE

	C.J.	A.J.B.

ISSUE 7 11-15-58
ADDED NOTE 4 & CT, GT TO TITLE
CHANGED NOTE 3

PM		AJB

ISSUE 8 5-1-59
ADDED REFERENCE TO P-10C117 COIN RELAY IN NOTE 3.
REMOVED BLUE LEAD FROM INNER GND SPRING TO GND TERM.
CHANGED CONNECTIONS TO LI & SL ON TERM. BLOCK. NOTE 2

	C.J.K.	AJB

ISSUE 9 12-15-59

USED ON	DWG
174 C, CS, CT, G, GS, GT	COIN COLLECTOR CONNECTIONS

SCALE ~

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BL-247129
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BL-247130 9

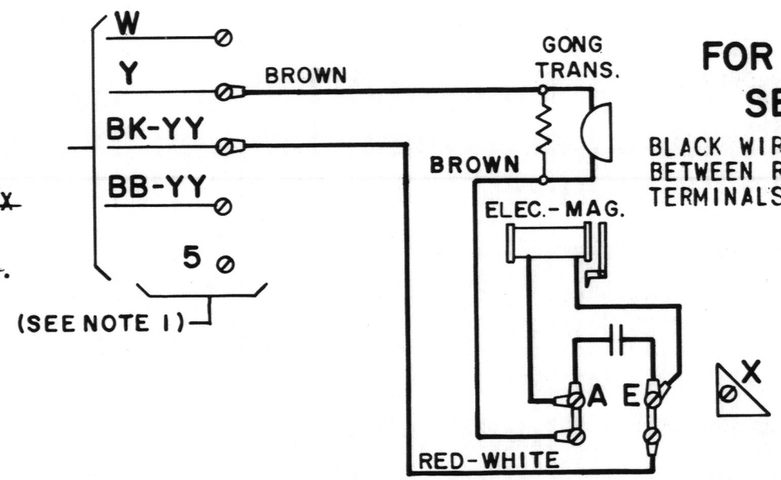
NOTES:

1. IN SOME OF THE UPPER HOUSINGS, THESE TERMINALS ARE DESIGNATED W,Y,YY,BB, AND BK-YY, RESPECTIVELY (TERMINAL 5 SHOULD BE FURNISHED.)

~~2. DOTTED LINES SHOULD SHOW CONNECTIONS FOR DIAL-SHORTING CONTACTS OF 4-SPRING RELAY, BROWN GONG SIGNAL LEAD OR BLACK FILTER LEAD MAY BE CONNECTED TO X TERMINAL.~~

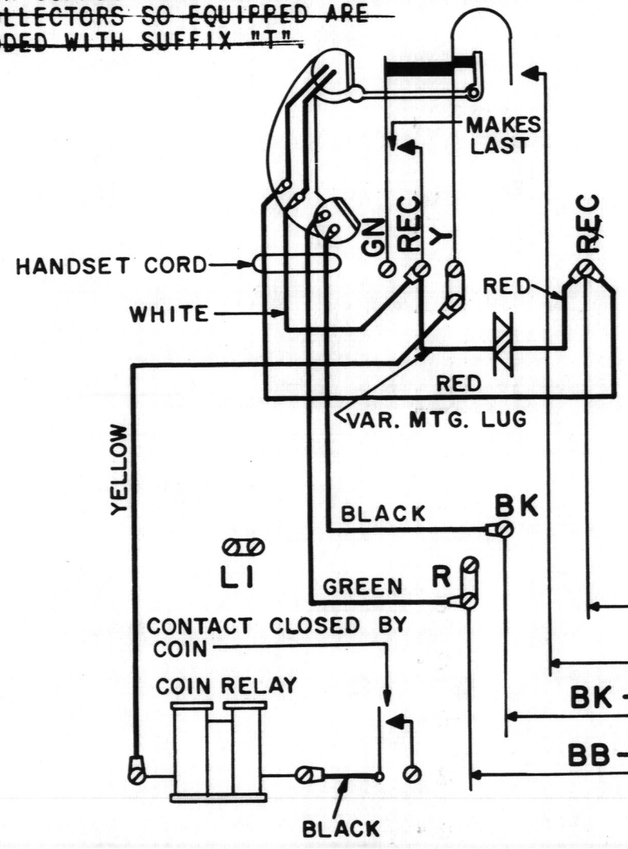
~~3. COIN COLLECTORS EQUIPPED WITH P-10C117 COIN RELAY (4 SPRING DIAL SHORTING TYPE) ARE CODED WITH SUFFIX LETTER "S".~~

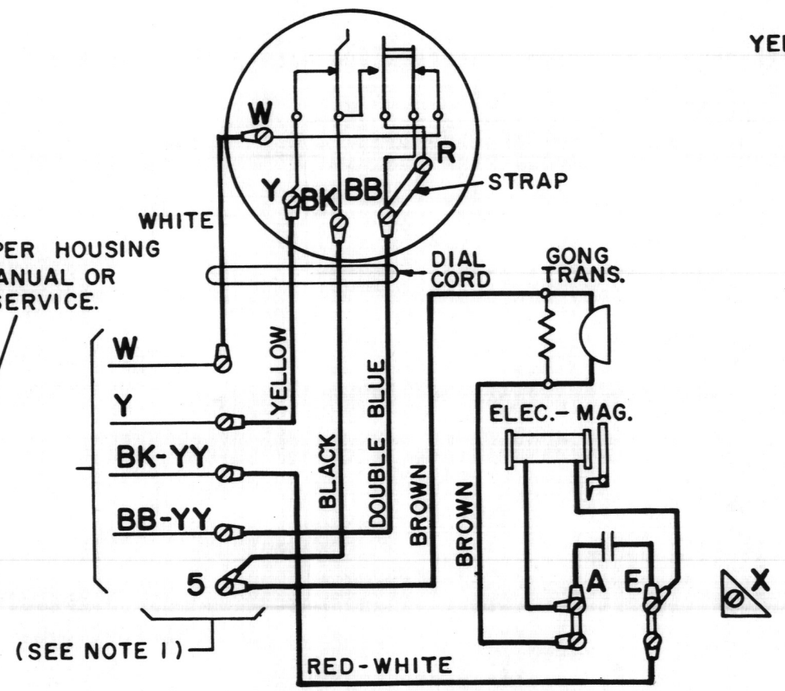
~~4. FOR CONNECTIONS TO SLOW RELEASE RELAY SEE B-042023. COLLECTORS SO EQUIPPED ARE CODED WITH SUFFIX "T".~~



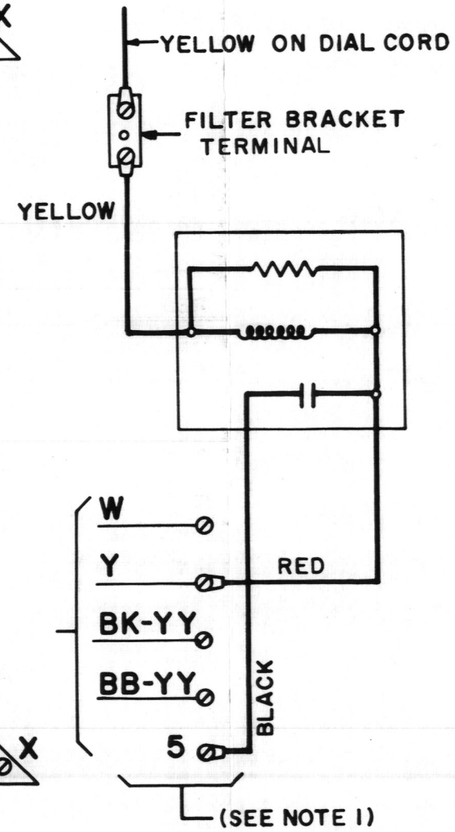
FOR MANUAL SERVICE

BLACK WIRE SHALL BE CONNECTED BETWEEN R AND RIGHT REC TERMINALS ON BACKPLATE.





FOR DIAL SERVICE



FILTER CONNECTIONS

MATERIAL	FINISH

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES. NON-LIMITED DIMENSIONS, OTHER THAN SIZE OF RAW MATERIAL, SHALL BE HELD WITHIN FRACTIONAL DECIMAL

DWG SIZE 2S

P

ENGR		
DRAWN		
ISSUE 4 2-15-52		

REDRAWN FROM ISSUE 4 TO SEPARATE WIRING FOR MANUAL AND DIAL SERVICE FIG. TITLE WAS SHOWN.

ISSUE 5 5-26-54
ADDED: DIAL-SHORTING CODES, CONNECTIONS & NOTES

ISSUE 6 9-14-57
REMOVED "E,ES" FROM TITLE

ISSUE 7 11-15-58
ADDED: NOTE 4 & CT, GT TO TITLE
CHANGED: NOTE 3
REMOVED: GROUND LEAD FROM TERM. BL. TO RELAY

ISSUE 8 5-1-59
REFERENCE TO 4 SPRING RELAY & "S" CODES DELETED.

THB	C JK	AJB

ISSUE 9 12-1-59

USED ON	DWG

176C OR G COIN COLLECTOR CONNECTIONS

SCALE —

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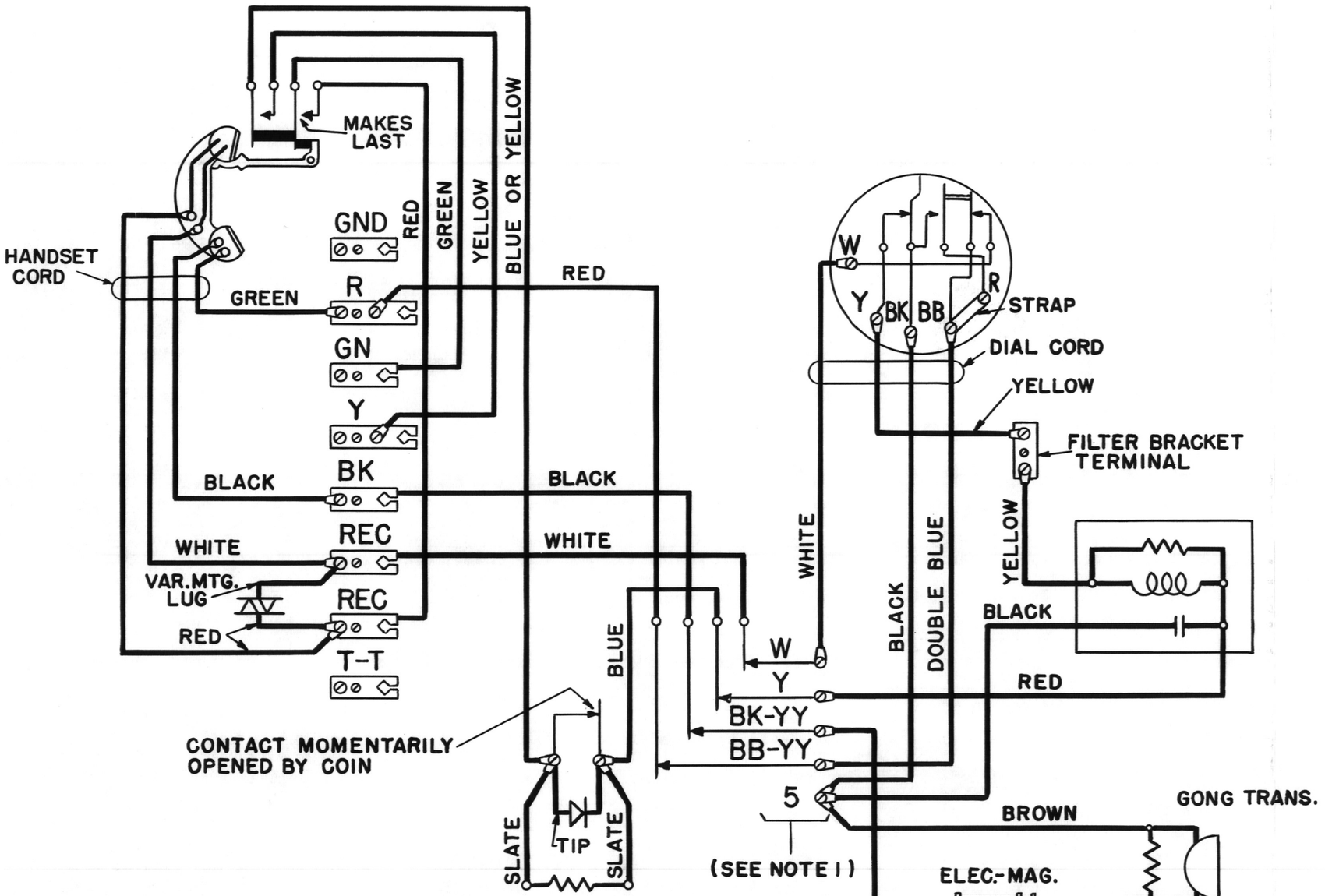
15 5/8

10 1/4

BL-751472 ISSUE 5



NOTE:
1. IN SOME OF THE UPPER HOUSINGS, THESE TERMINALS ARE DESIGNATED W, Y, YY, BB, AND BK-YY, RESPECTIVELY. (TERMINAL 5 SHALL BE FURNISHED.)

P-

ENGR J.F.JESSICH		
DRAWN W.H.STEVENSON		
ISSUE 3 2-25-52		

REDRAWN FROM ISSUE 3 FIG. TITLE WAS SHOWN.

S.E./RHA	HOW	FA
ISSUE 4 6-2-54	AGK2	

REMOVED "E" TYPE FROM TITLE

AJB

ISSUE 5 11-15-58

USED ON	DWG

177G COIN COLLECTOR CONNECTIONS

SCALE

WESTERN ELECTRIC CO, INC
ENGINEER OF MANUFACTURE
CENTRAL OFFICE EQUIPMENT

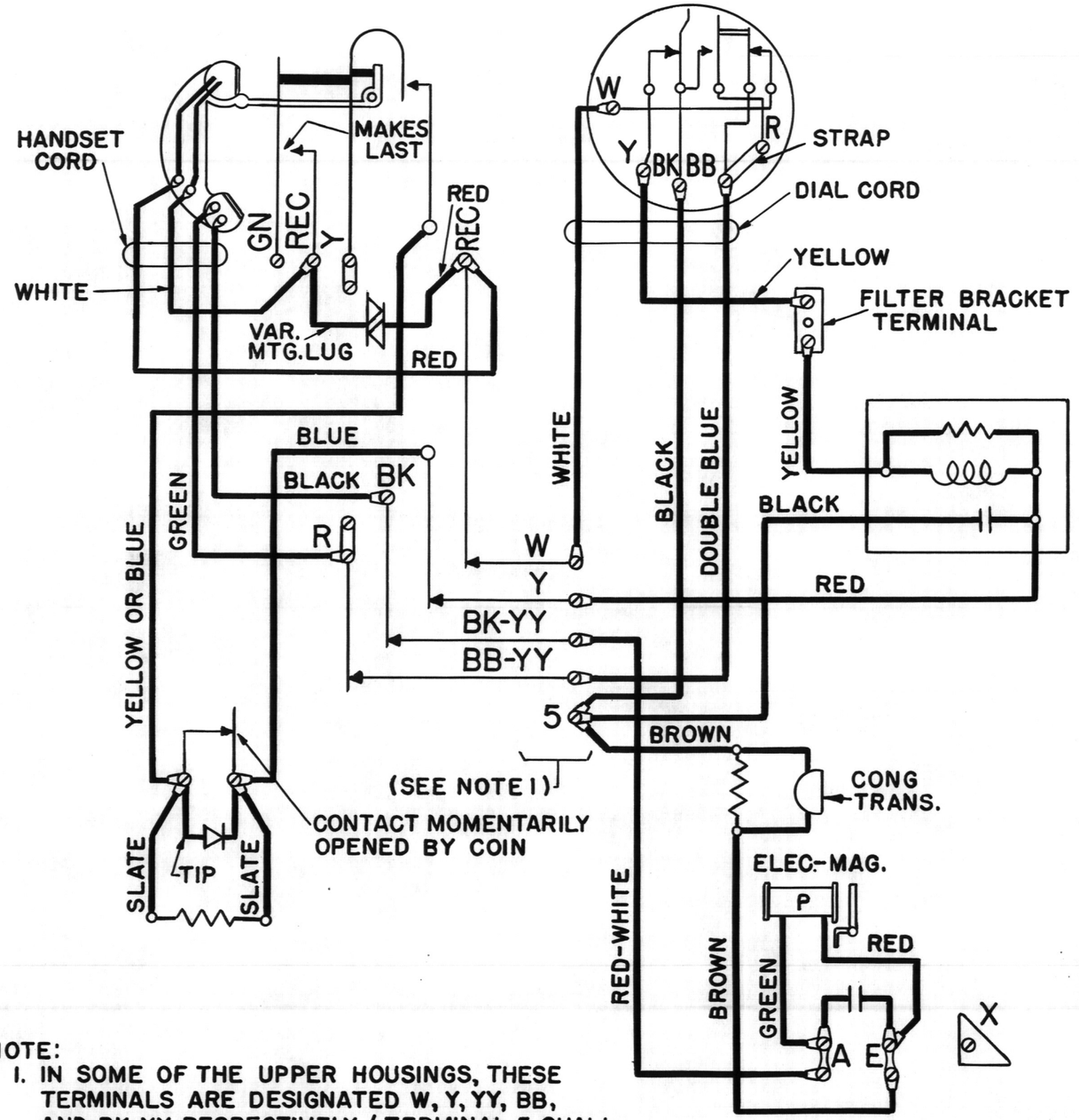
BELL TELEPHONE LABORATORIES, INC

BL-751472
P-

15 5/8

10 1/4

ISSUE 5 | BL-751473



NOTE:
1. IN SOME OF THE UPPER HOUSINGS, THESE TERMINALS ARE DESIGNATED W, Y, YY, BB, AND BK-YY, RESPECTIVELY. (TERMINAL 5 SHALL BE FURNISHED.)

P-

ENGR J.F. JESSICH		
DRAWN W.H. STEVENSON		
ISSUE 3 2-25-52		

REDRAWN FROM ISSUE 3 FIG. TITLE WAS SHOWN.

S.E.	RHP		HOW	FA
★ ISSUE 4 6-2-54			AFKS	

REMOVED "E" TYPE FROM TITLE

	3	AJB
ISSUE 5 11-15-58		

USED ON	DWG

178G COIN COLLECTOR CONNECTIONS

SCALE

WESTERN ELECTRIC CO, INC
ENGINEER OF MANUFACTURE
CENTRAL OFFICE EQUIPMENT

BELL TELEPHONE LABORATORIES, INC

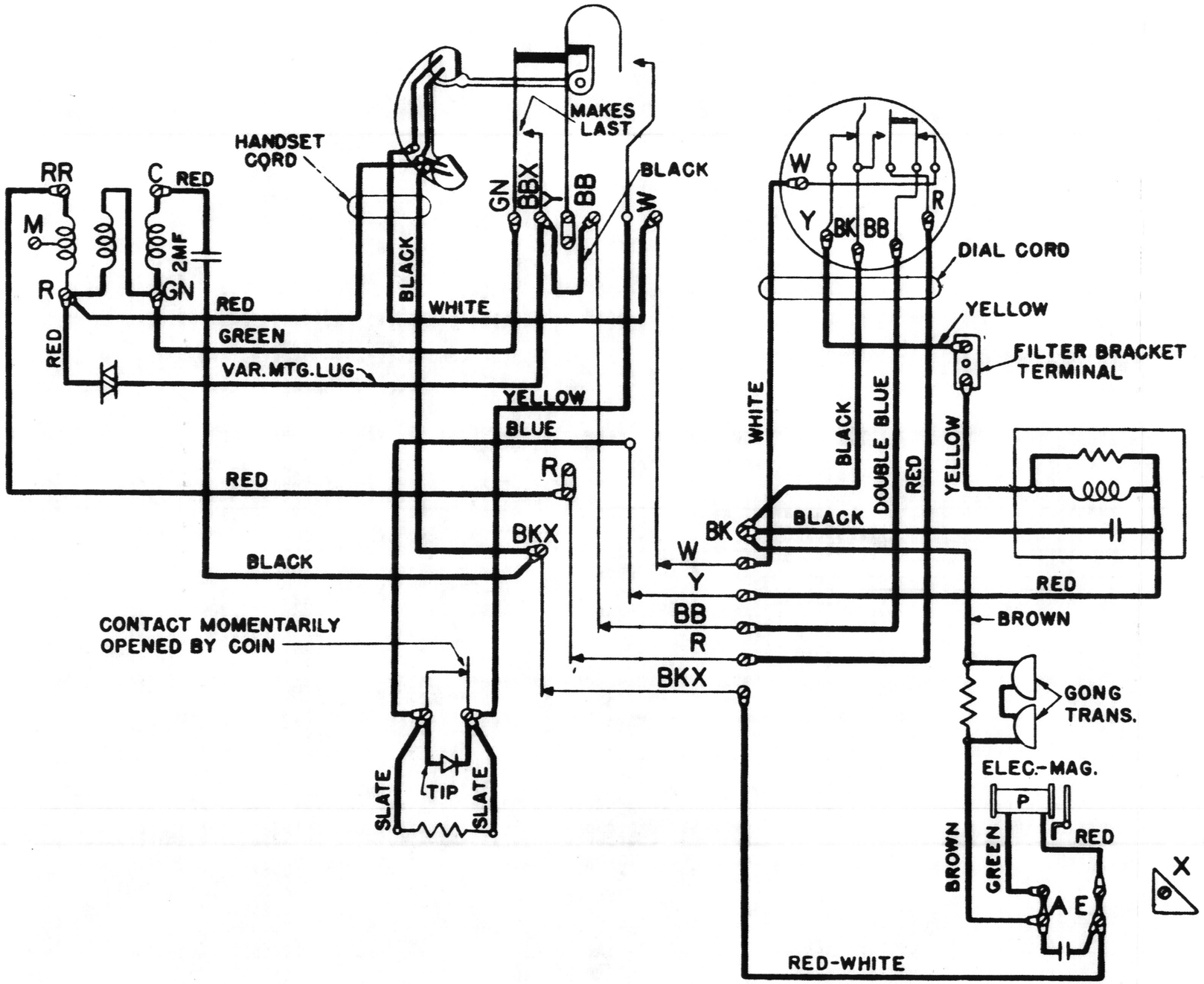
BL-751473
P-

MATERIAL | FINISH

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES. NON-LIMITED DIMENSIONS, OTHER THAN SIZE OF RAW MATERIAL, SHALL BE HELD WITHIN FRACTIONAL DECIMAL

DWG SIZE

BL-751474 ISSUE 8



P-

DSGD J.F. JESSICH		
DRAWN H.H. STEVENSON		
ISSUE 3 2-26-52		
REDRAWN FROM ISSUE 3 FIG. TITLE WAS SHOWN.		
S.E. BNF	HOW	FA
ISSUE 4 6-2-54	ABR	
CHANGED: COND WAS CONNECTED TO [illegible] A I E TERMS.		
F.E. MB	H.O.W.	ABR
		GWR
ISSUE 5 10-14-55 ADDED: TO TITLE, "193E OR G"		
CAH	HOW	ABR
		GWR
ISSUE 6 4-6-56 ADDED TO TITLE F & H TYPES		
		CAH
		AJB
ISSUE 7 4-1-57 REMOVED "E, F" TYPE FROM TITLE		
	CAH	AJB
ISSUE 8 11-15-58		

USED ON	DWG.

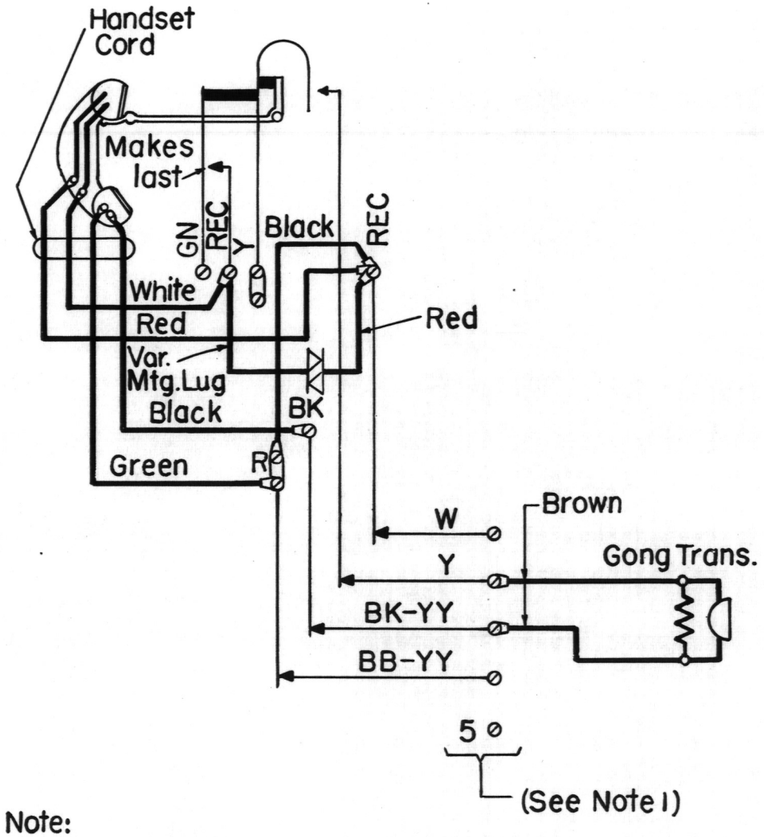
193G,H
198G,H
COIN COLLECTOR CONNECTIONS

SCALE

WESTERN ELECTRIC CO. INC
ENGINEER OF MANUFACTURE
CENTRAL OFFICE EQUIPMENT

BELL TELEPHONE LABORATORIES, INC

BL-751474
P-



Note:

1. In some of the upper housings, these terminals are designated W, Y, YY, BB, & BK-YY, respectively. (Terminal 5 not always furnished.)

BL-759044 A-
ISSUE

ISSUE 2 4-15-52
REDRAWN FROM ISSUE 2.
LI TERM. WAS SHOWN.
FIG. TITLE WAS SHOWN.

S.E.	IRM	H.O.W.	F.A.
ISSUE:3 4-15-54		O.K.	

REMOVED
"D" TYPE FROM TITLE

	C.O.K.	A.J.B.

ISSUE 4 11-15-58

USED ON DWG.

● DENOTES MANUFACTURE DISCONTINUED ■ DENOTES MANUFACTURE LIMITED

164 C
MANUAL
COIN COLLECTOR
CONNECTIONS

SCALE

DRAWN		APPROVED
CHECKED		

WESTERN ELECTRIC CO. INC.
ENGINEER OF MANUFACTURE

LA-

L

APP'LS			
CH.			
DR. D. UPSCHEID		ENG. H.O. WOOD	

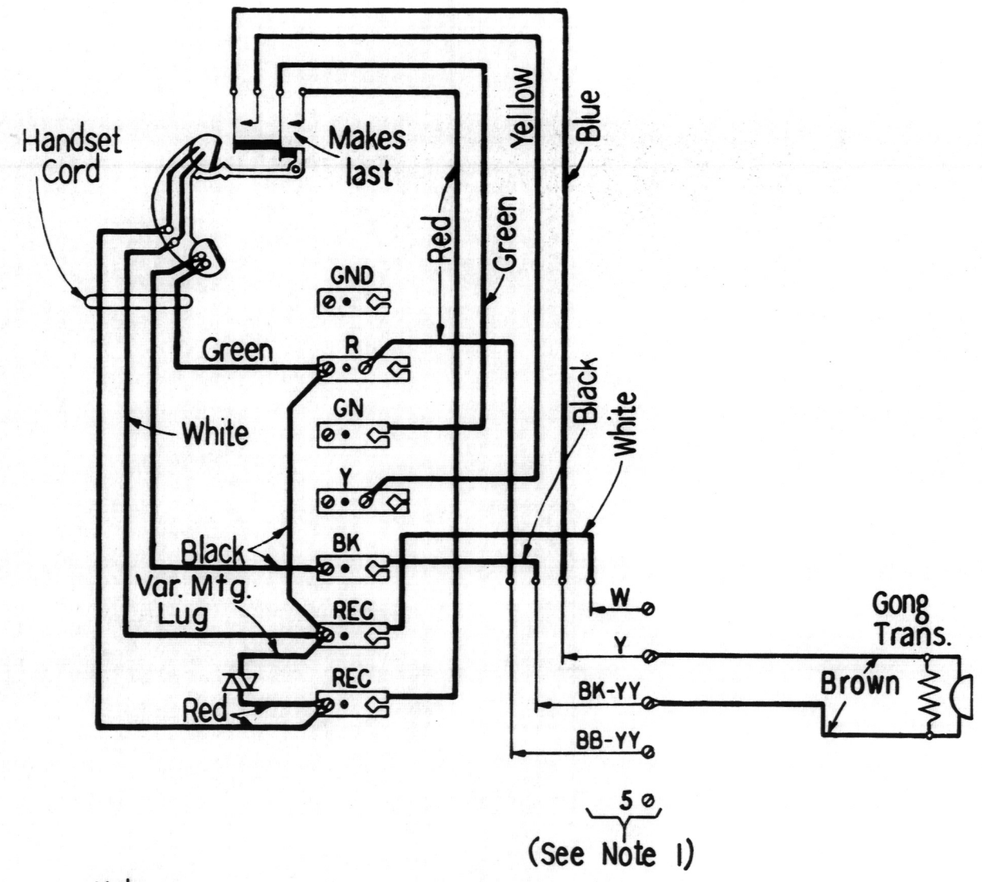
BELL TELEPHONE LABORATORIES, INC.
NEW YORK

BL-759044

LA-

LA-

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES



Note

1. In some of the upper housings, these terminals are designated W, Y, YY, BB, & BK-YY, respectively. (Terminal 5 not always furnished.)

BL-759046 A-
ISSUE

ISSUE. 1 1-8-52
FOR KS-13490 RESISTOR "L2" WAS NOT SPEC.
SUPERVISED: HAW. JFJ ABR.
ISSUE. 2 4-15-52
LI TERM. WAS SHOWN. FIG. TITLE WAS SHOWN.
S.E. RHP H.O.W. F.A.
ISSUE: 3 4-15-54
REMOVED D"TYPE FROM TITLE
C. AJB
ISSUE 4 11-15-58

USED ON | DWG.

● DENOTES MANUFACTURE DISCONTINUED | ■ DENOTES MANUFACTURE LIMITED

152 C
MANUAL
COIN COLLECTOR
CONNECTIONS

SCALE ~

DRAWN | APPROVED
CHECKED

WESTERN ELECTRIC CO. INC.
ENGINEER OF MANUFACTURE

LA-

L

APP'D HAW. JFJ ABR
CH N.Am
DR D.UMSCHEID ENG H.O.WOOD

BELL TELEPHONE LABORATORIES, INC.
NEW YORK

BL-759046

LA-

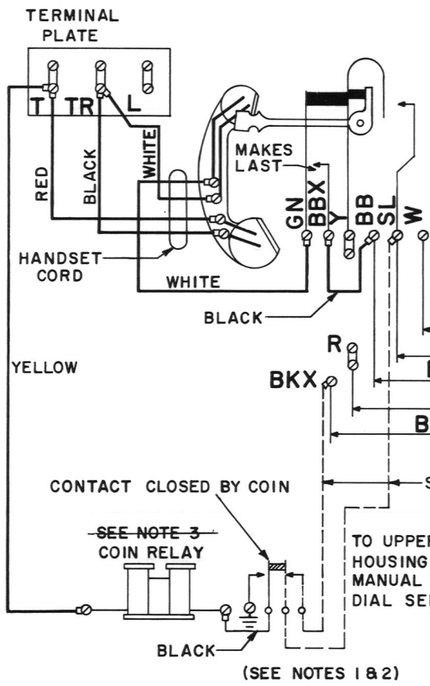
LA-

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES

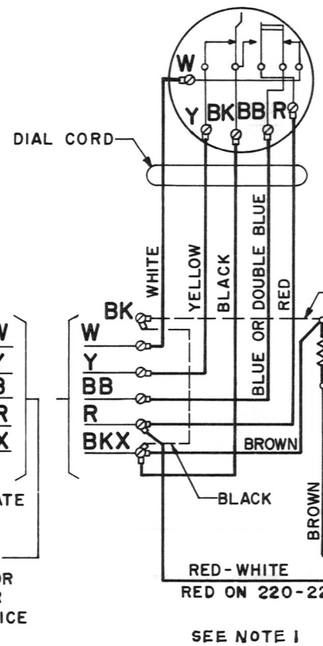
NOTES:
1. DOTTED LINES SHOW CONNECTIONS FOR DIAL-SHORTING CONTACTS OF 4-SPRING RELAY. A BROWN GONG SIGNAL LEAD OF INSUFFICIENT LENGTH FOR CONNECTING TO BKX TERMINAL SHALL BE CONNECTED TO THE BK TERMINAL AND A BLACK STRAP CONNECTED FROM BK TO BKX.

2. COIN COLLECTORS EQUIPPED WITH P-10C117 COIN RELAY (4-SPRING DIAL-SHORTING TYPE) ARE CODED WITH SUFFIX LETTER "S" OR IN THE 200 SERIES WITHOUT THE SUFFIX "S".

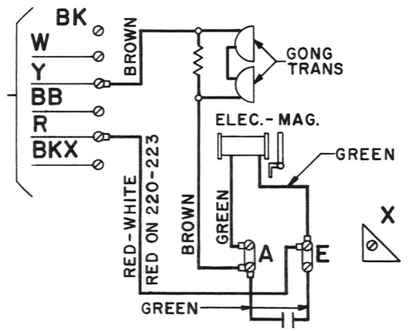
~~3. FOR CONNECTIONS TO SLOW RELEASE RELAY SEE B-942823. COLLECTORS SO EQUIPPED ARE CODED WITH SUFFIX "T".~~



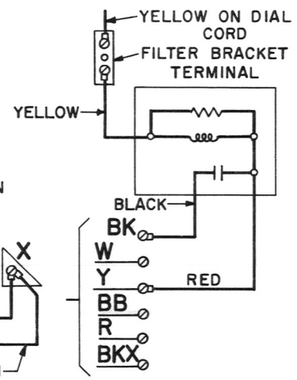
(SEE NOTES 1 & 2)



SEE NOTE 1
FOR DIAL SERVICE



FOR MANUAL SERVICE
STRAP OR BLACK WIRE SHOWN BETWEEN BBX AND BB TERMINALS ON BACKPLATE SHALL BE CONNECTED BETWEEN BBX AND W TERMINALS.



FILTER CONNECTIONS

B-917139

ENGR H.O. WOOD	H.O.W	A.B.R.
DRAWN SUM. ENG/A.T.		
ISSUE 1 10-11-55		A.B.R.

CHANGED: BLACK LEAD FROM DIAL WAS SHOWN TO BKX TERMINAL.
REMOVED: STRAP BETWEEN BK & BKX TERMINALS. S

CAH		HOW	ABR

ISSUE 2 8-6-56
ADDED: DIAL SHORTING CODES (INCL. 200 SERIES) CONNECTIONS & NOTES 1 & 2
CHANGED: FOR MANUAL SERVICE CAPACITOR WAS STRAPPED BETWEEN A & X TERMINALS 10" RESISTOR WAS STRAPPED BETWEEN E & X TERMINALS
TERMINAL PLATE WITH THIRD TERMINAL "L" REPLACED (TWO TERMINAL) BLOCK.

CFC	CFX	AJB	JFJ

ISSUE 3 11-15-57
REMOVED: EN, FN, ENS, FNS FROM TITLE

		AJB

ISSUE 4 11-15-58
ADDED NOTE 3 & CNT, DNT, GNT, HNT, CT, DT, GT, HT TO TITLE
CHANGE NOTE 2

PH	CFX	AJB

ISSUE 5 5-1-59
REMOVED: NOTE 3 AND "T" CODES FROM TITLE

	CFX	AJB

ISSUE 6 6-15-60
CHANGED: "FOR DIAL SERVICE" BLACK & BROWN LEADS TERMINATED AT BK NOTE 1
ADDED: DOTTED BROWN LEAD TO BK

	CJK	AJB

ISSUE 7 11-1-60
DESIGNATION OF "BLACK" REMOVED FROM BROWN BKX LEAD SHOWN IN "FOR DIAL SERVICE" AND RELOCATED TO STRAP BETWEEN BKX AND BK

	CJK	AJB

ISSUE 8 5-1-61
ADDED "RED ON 220-223" IN CONNECTIONS FOR DIAL AND MANUAL SERVICE.

	CJK	AJB

ISSUE 9 10-1-61
ADDED RELAY GROUNDED TO C/C

FRL	FRL

ISSUE 10 2-1-66

191, 195, 196, 197 CN, DN, GN, HN, CNS DNS, GNS, HNS AND 220, 223-C, D, G, H COIN COLLECTORS CONNECTIONS

SCALE

MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. NONLIMITED DIMENSIONS OTHER THAN SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS WHEN EXPRESSED:
TO 2 DECIMAL PLACES ± AS ANGLES ±
TO 3 DECIMAL PLACES ±
FOR GENERAL INFORMATION ON SYMBOLS AND NOTES REFER TO MANUFACTURING STANDARD 16.003, PART 2, SECTION 227. (THIS NOTE IS NOT APPLICABLE TO CENTRAL OFFICE EQUIPMENT.)

DWG SIZE 3S

WESTERN ELECTRIC CO. INC.
ENGINEER OF MANUFACTURE
CENTRAL OFFICE EQUIPMENT

BELL TELEPHONE LABORATORIES
INCORPORATED

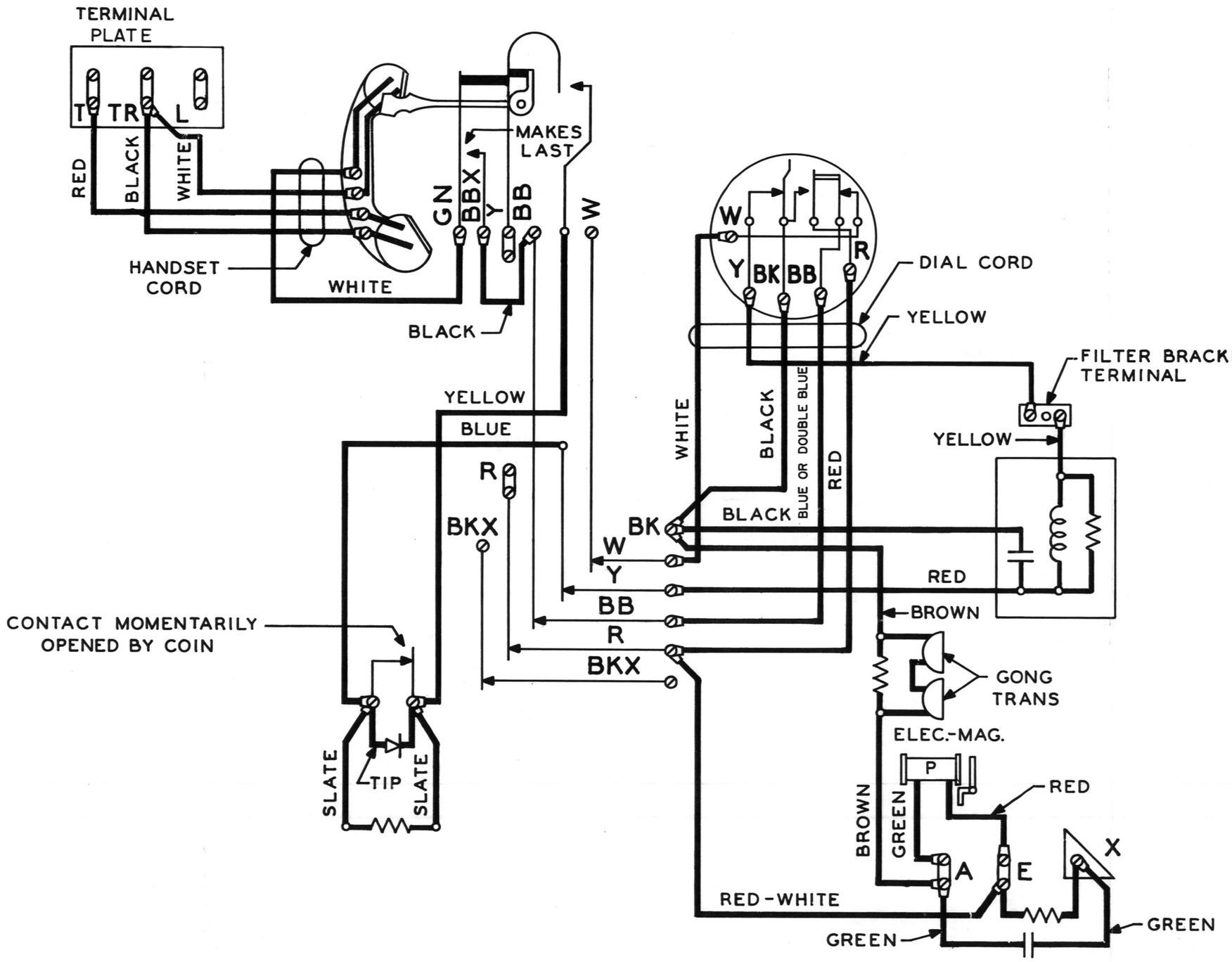
B-917139

JRK

15 5/8

10 1/4

B-917141 ISSUE 4



A-

ENGR H.O. WOOD	H.O.W.	ABR.	
DRAWN SUM.ENG./I.C.			
ISSUE 1 10-13-55	ABR.		

ADDED: TO TITLE, "OR 198."

CAH		HOW	ABR.

ISSUE 2 4-6-56

ADDED:
193 & 198 EN, FN, GN, HN 210 & 212 G,H TO TITLE.
CHANGED:
TERMINAL PLATE WITH THIRD TERMINAL "L" REPLACED (TWO TERMINAL) BLOCK.

CJC	CFK	AJB	JFJ

ISSUE: 3 11-15-57
REMOVED
"EN, FN" FROM TITLE

		AJB

ISSUE 4 11-15-58

193 & 198 GN, HN
210 & 212 G,H
(CDO) COIN COLLECTOR CONNECTIONS

WESTERN ELECTRIC COMPANY, INC
ENGINEER OF MANUFACTURE

BELL TELEPHONE LABORATORIES, INC

B-917141
A-

SHEET

NO. OF SHEETS PER SET SEE SHEET 1

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES. NON-LIMITED DIMENSIONS, OTHER THAN SIZE OF RAW MATERIAL, SHALL BE HELD WITHIN FRACTIONAL DECIMAL

DWG SIZE 2S

ENGR H.e.WOOD	H.e.W.		
DRAWN SUM.ENG. G.P.			
ISSUE: 1	10-13-55		

CHANGED

200 C & D (MANUAL POSTPAY)

WAS 182 NETWORK TYPE

MANUAL.

TERMINAL PLATE WITH

THIRD TERMINAL "L"

REPLACED (TWO TERMINAL)

BLOCK.

	CFK	JFJ	AJB
ISSUE: 2	CFK		11-15-57

ADDED

182 CN, DN TO TITLE

		AJB
ISSUE 3		11-15-58

182 CN.DN
200 C&D
(MANUAL POSTPAY)
COIN COLLECTOR
CONNECTIONS

WESTERN ELECTRIC COMPANY, INC
ENGINEER OF MANUFACTURE

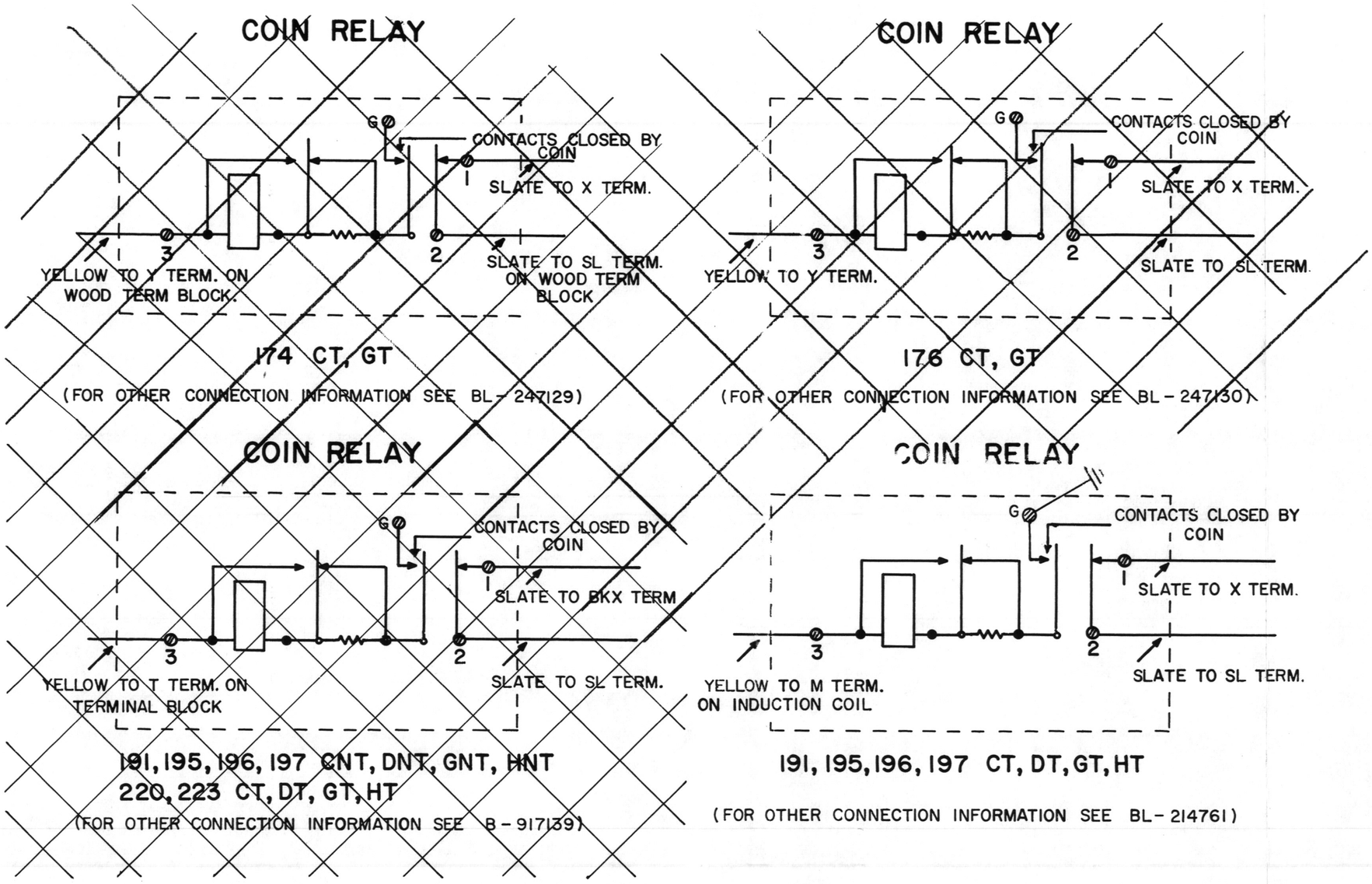
BELL TELEPHONE LABORATORIES, INC

B-917145
A-

SHEET

NO. OF SHEETS PER SET SEE SHEET 1

BM



SE

B-942823

ENGR		AJB
DRAWN	KK	
ISSUE 1	2-15-59	

REMOVED
BLUE LEAD TO GND SPRING AND TERM. BLOCK

CJK | AJB

ISSUE 2 12-1-59
REMOVED
FIG COVERING 191 TO 197 CNT TO HNT, AND 220, 223 CT TO HT

CJK | AJB

ISSUE 3 6-15-60
REMOVED
174 and 176 Type Information

CJK | FRL

Issue 4 2-15-64
ADDED
G TERMINAL TO GROUND

TRZ | CJK | FRL

ISSUE 5 2-1-66

USED ON	DWG

CONNECTIONS FOR SLOW RELEASE COIN HANDLING MECHANISM

SCALE ~

WESTERN ELECTRIC CO, INC
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CENTRAL OFFICE EQUIPMENT

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE 2S

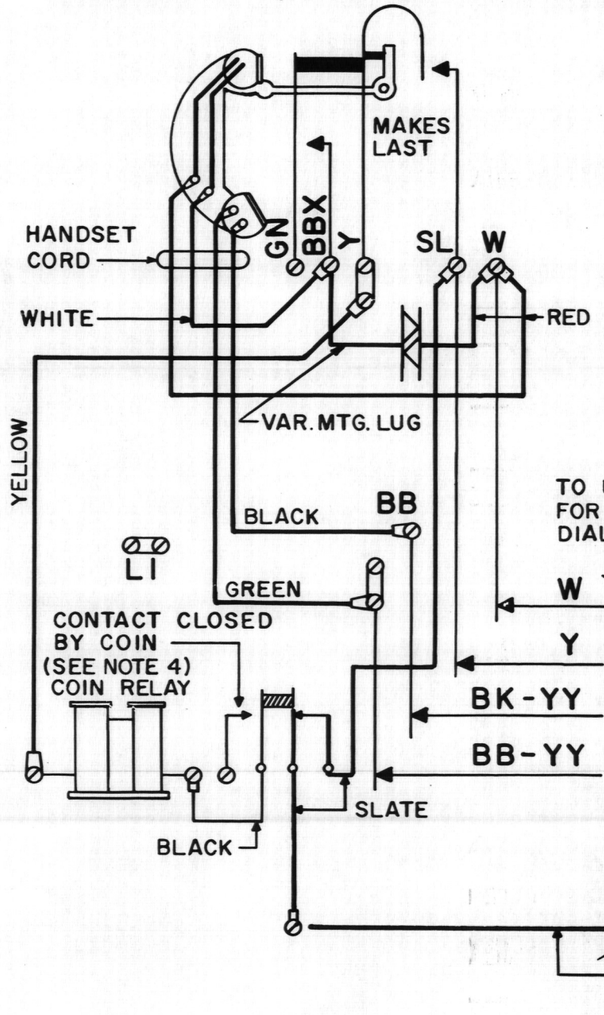
B-942823

pk

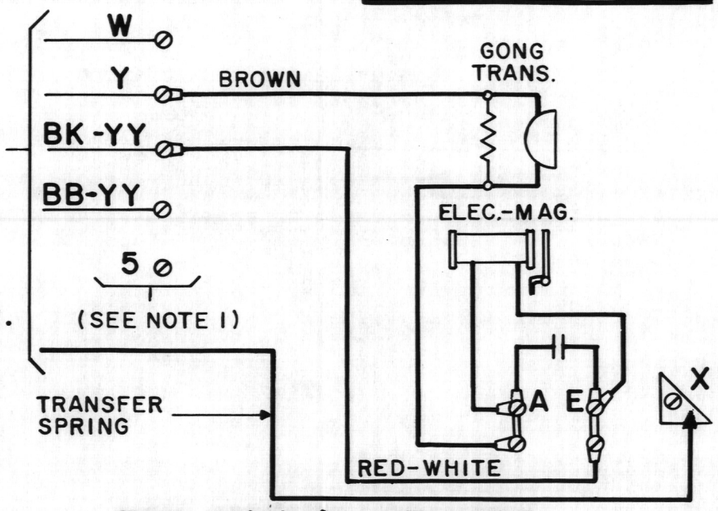
NOTES:

1. IN SOME OF THE UPPER HOUSINGS, THESE TERMINALS ARE DESIGNATED W,Y,YY,BB, AND BK-YY, RESPECTIVELY (TERMINAL 5 SHOULD BE FURNISHED.)
2. BROWN GONG SIGNAL LEAD OR BLACK FILTER LEAD MAY BE CONNECTED TO X TERMINAL.
3. COIN COLLECTORS EQUIPPED WITH P-IOCII7 COIN RELAY (4-SPRING DIAL-SHORTING TYPE) ARE CODED WITH SUFFIX LETTER "S".
4. FOR CONNECTIONS TO SLOW RELEASE RELAY SEE B-942823. COLLECTORS SO EQUIPPED ARE CODED WITH SUFFIX "T".

ISSUE 1 BL-942830

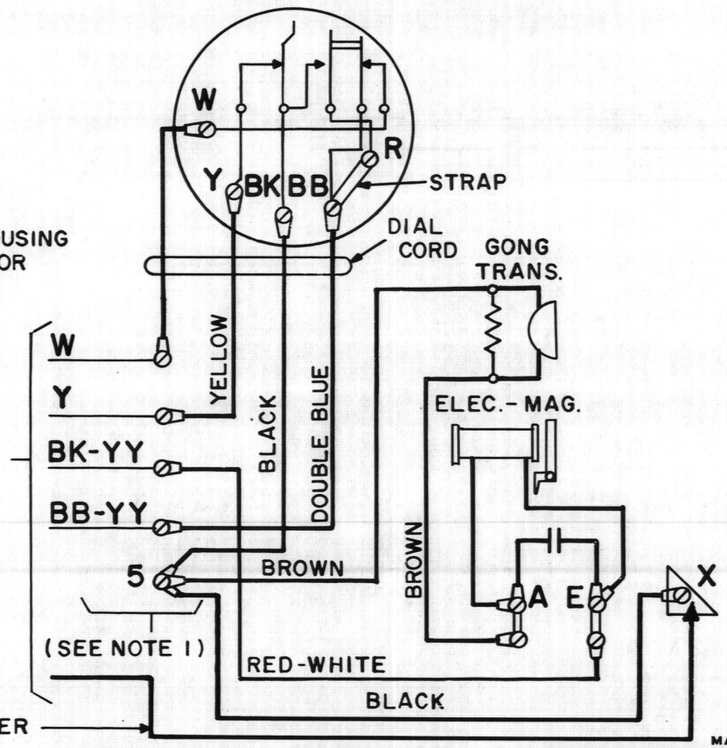


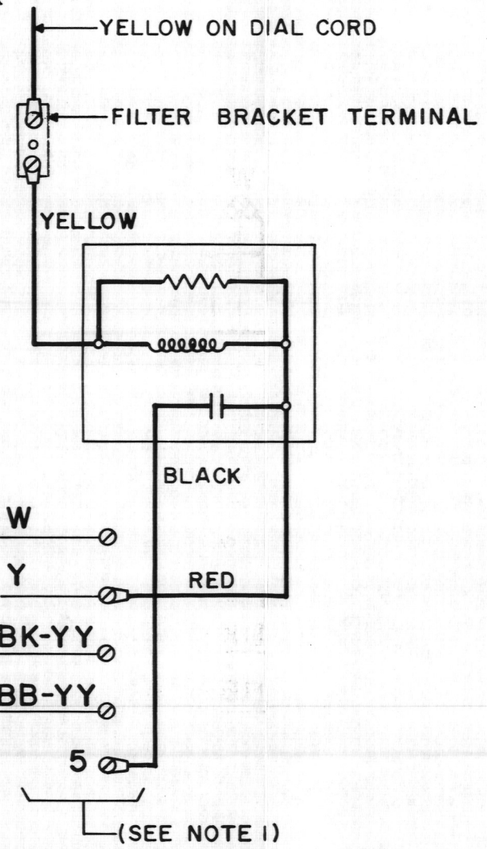
FOR DIAL SERVICE



FOR MANUAL SERVICE

BLACK WIRE SHALL BE CONNECTED BETWEEN R AND W TERMINALS ON BACKPLATE.





FILTER CONNECTIONS

MATERIAL	FINISH

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES. NON-LIMITED DIMENSIONS, OTHER THAN SIZE OF RAW MATERIAL, SHALL BE HELD WITHIN FRACTIONAL DECIMAL

DWG SIZE 2S

P

ENGR	AJB	
DRAWN	THB	C7K
ISSUE 1	12/15/59	

USED ON	DWG

176 CS, CT, GS, GT COIN COLLECTOR CONNECTIONS

SCALE ——

WESTERN ELECTRIC CO, INC
ENGINEER OF MANUFACTURE
CENTRAL OFFICE EQUIPMENT

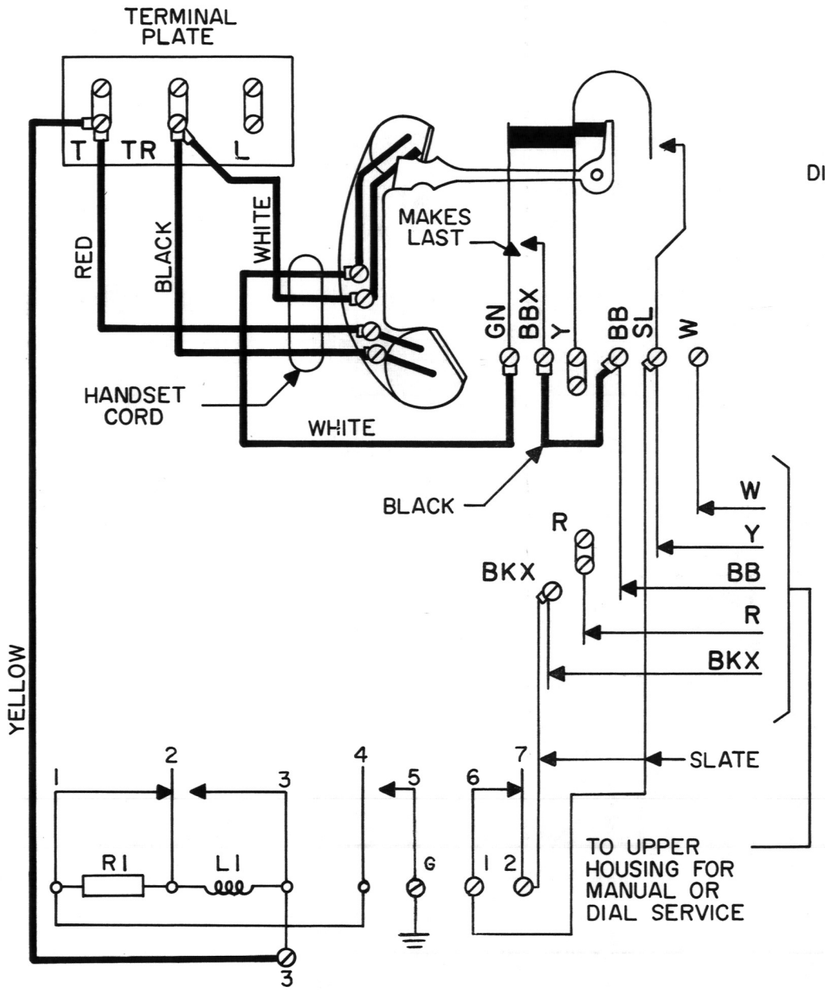
BELL TELEPHONE LABORATORIES INCORPORATED

BL-942830
P

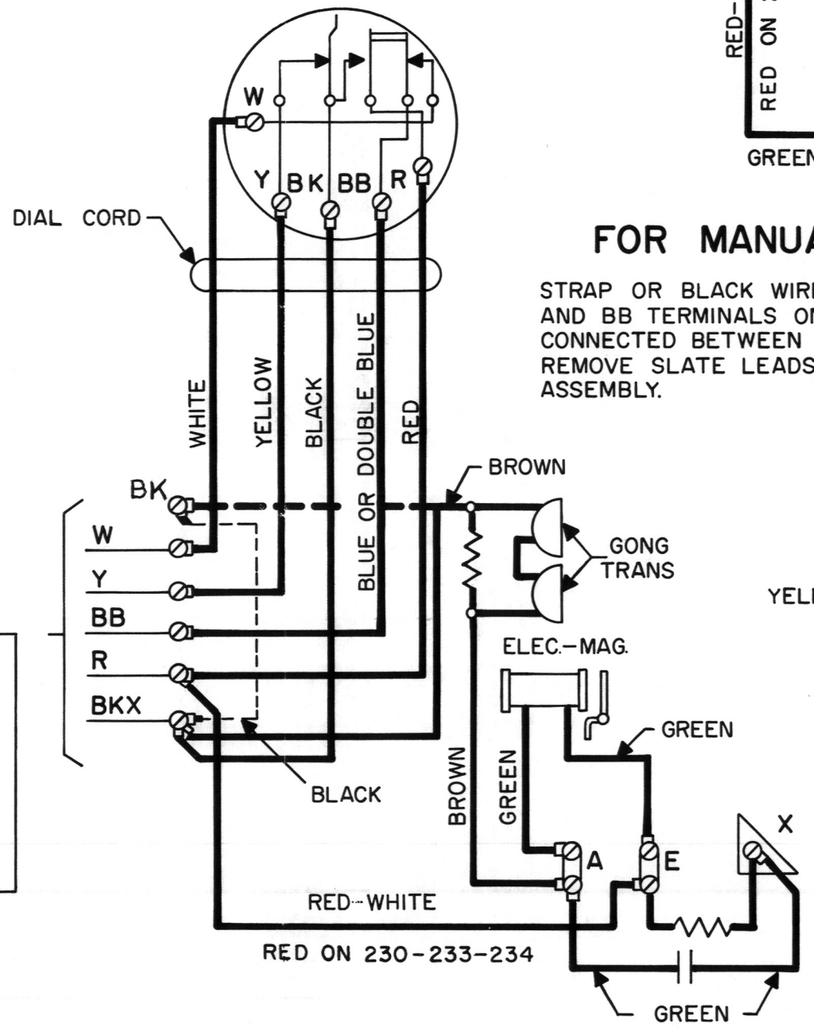
PRINTED IN U. S. A.

NOTE

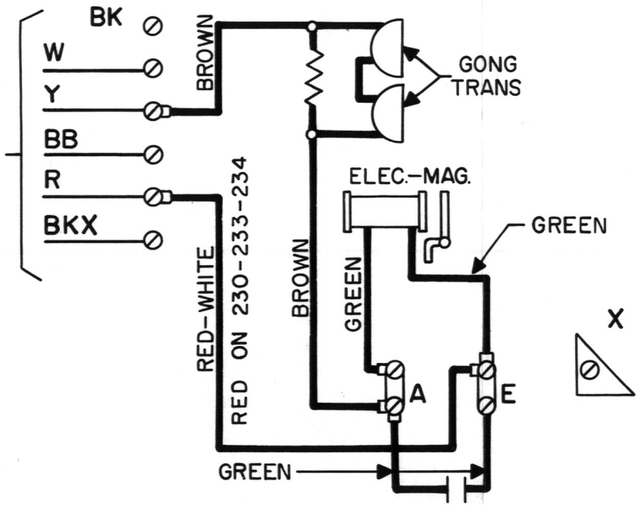
A BROWN GONG SIGNAL LEAD OF INSUFFICIENT LENGTH FOR CONNECTING TO BKX TERMINAL SHALL BE CONNECTED TO THE BK TERMINAL AND A BLACK STRAP CONNECT "BK" TO "BKX."



SINGLE COIL SLOW-RELEASE RELAY

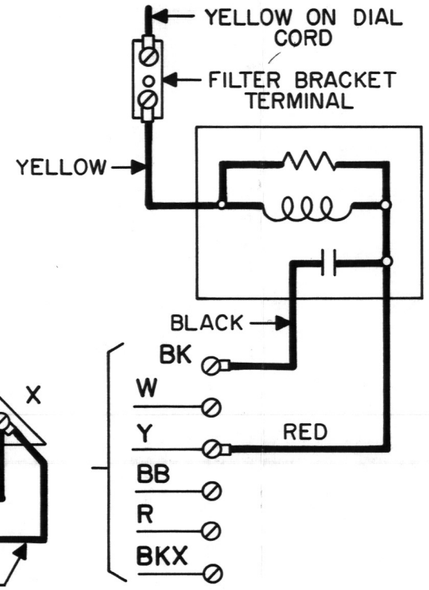


FOR DIAL SERVICE



FOR MANUAL SERVICE

STRAP OR BLACK WIRE SHOWN BETWEEN BBX AND BB TERMINALS ON BACKPLATE SHALL BE CONNECTED BETWEEN BBX AND W TERMINALS. REMOVE SLATE LEADS FROM RELAY AND SPRING ASSEMBLY.



FILTER CONNECTIONS

ENGR		AJB
DRAWN		
ISSUE:1	5-15-60	CJK

ADDED
234G TO TITLE AND IN CONNECTIONS FOR DIAL AND MANUAL SERVICE.

	CJK	AJB
ISSUE:2		10-1-61

ADDED
G TERMINAL OF RELAY TO GROUND

FRL	CJK	FRL
ISSUE 3		2-1-66

USED ON	DWG

191, 195, 196, 197 CNT, DNT, GNT, HNT, AND 220, 223 CT, DT, GT, HT

230 AND 233 C,D,G,H AND 234G COIN COLLECTORS - CONNECTIONS -

SCALE

WESTERN ELECTRIC CO, INC
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CENTRAL OFFICE EQUIPMENT

BELL TELEPHONE LABORATORIES
INCORPORATED

B-942833
A

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES. NON-LIMITED DIMENSIONS, OTHER THAN SIZE OF RAW MATERIAL, SHALL BE HELD WITHIN FRACTIONAL DECIMAL

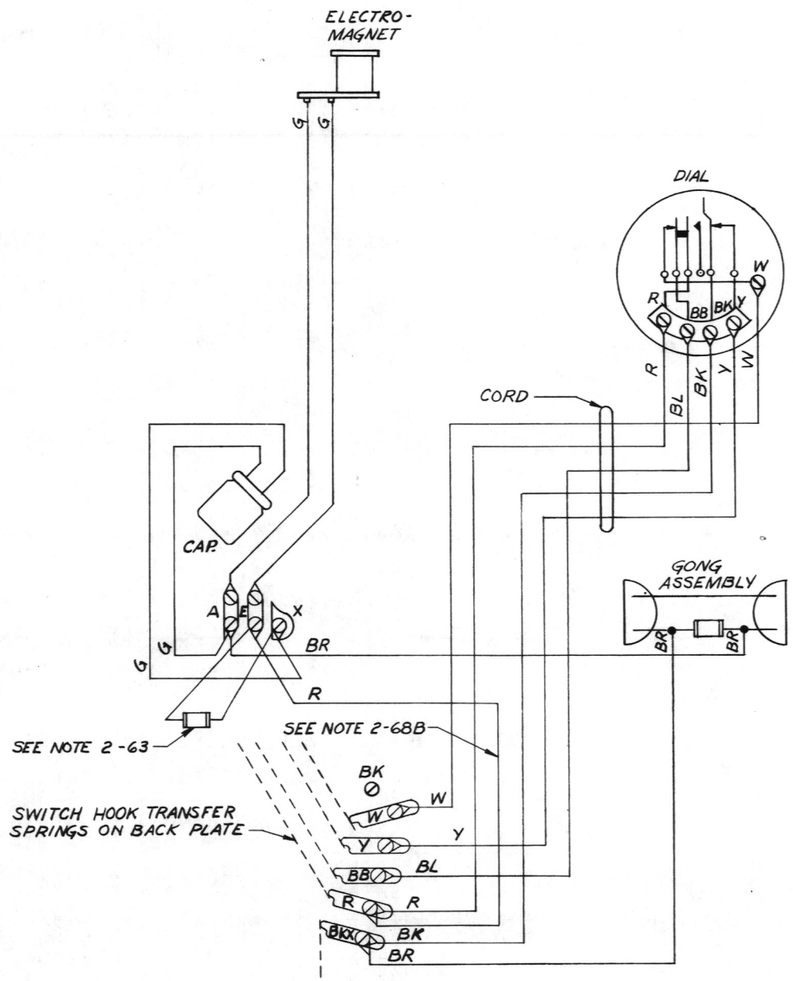
DWG SIZE 2S

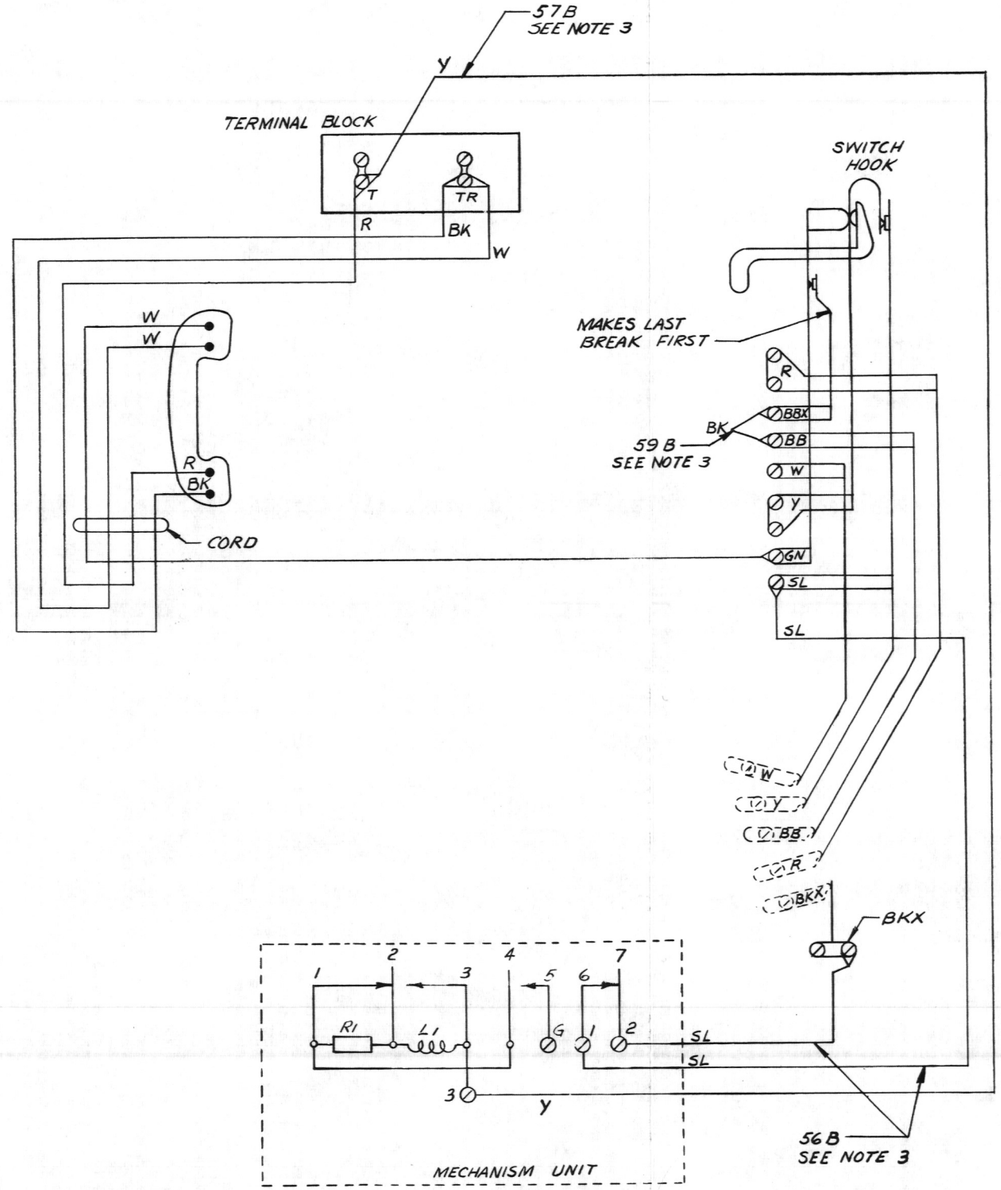
25

16

A-

UPPER HOUSING UNIT ASSEMBLY ← → BACK PLATE ASSEMBLY





NOTES:

1. FOR MANUAL SERVICE CONNECT GONG TRANSMITTER LEAD TO TERMINAL "Y" INSTEAD OF TERMINAL "BKX", CONNECT STRAP BETWEEN TERMINALS "W" & "BBX" INSTEAD OF BETWEEN TERMINALS "BB" & "BBX", CONNECT CAPACITOR LEAD TO TERMINAL "E" INSTEAD OF TERMINAL "X".
2. ITEMS SHOWN ARE CALLED FOR IN STOCK LIST OF THE UPPER HOUSING UNIT ASSEMBLY.
3. ITEMS SHOWN ARE CALLED FOR IN STOCK LIST OF THE COIN COLLECTOR ASSEMBLY. THE TWO SLATE LEADS, ITEM 56 B, ARE NOT USED IN MANUAL TYPE COIN COLLECTORS.

A-

DSGR'D C.J. CORSO	JC	RMT
DRAWN C.A. SCHULTE	CAS	
ISSUE 1 9-10-57		DCM

ADDED: LAST SENTENCE TO NOTE 3.

APP'D [illegible]	[illegible]	WDL
20-441264		JTM
ISSUE: 2 9-19-59		

ISSUE 2 LA-579070

230 AND 233 TYPE COIN COLLECTORS WIRING DIAGRAM

SCALE ~

WESTERN ELECTRIC CO. INC
ENGINEER OF MANUFACTURE

BELL TELEPHONE LABORATORIES
INCORPORATED

DIMENSIONS UP TO AND INCLUDING 72 INCHES EXPRESSED IN INCHES. NON-LIMITED DIMENSIONS, OTHER THAN SIZE OF RAW MATERIAL, SHALL BE HELD WITHIN FRACTIONAL DECIMAL

DWG SIZE 4S

LA-579070

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E-7344-0-4 (3-56)